Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

Texas Commission on Environmental Quality

VII. Technical Contact Identifying Information (Complete if different from RO.)
Technical Contact Name Prefix: (Mr. Mrs. Ms. Dr.)
Technical Contact Full Name: Anna Tallmadge
Technical Contact Title: Environmental Manager
Employer Name: TX LFG Energy, LP
Mailing Address: 5313 Campbells Run Road, Suite 200
City: Pittsburgh
State: PA
ZIP Code: 15205
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (724) 816-4898
Fax No.:
Email: arosswog@montaukrenewables.com
VIII. Reference Only Requirements (For reference only.)
A. State Senator: Molly Cook (District 15)
B. State Representative: Harold V. Dutton, Jr. (District 142)
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?
E. Indicate the alternate language(s) in which public notice is required: Spanish

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 4)

Texas Commission on Environmental Quality

IX.	Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)						
A.	Office/Facility Name: TX LFG Energy, LP						
B.	Physical Address: 5313 Campbells Run Road, Suite 200						
City:	Pittsburgh						
State	: PA						
ZIP	Code: 15205						
Terri	tory:						
Country:							
Fore	Foreign Postal Code:						
C.	Physical Location:						
D.	Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)						
Cont	act Full Name: Anna Tallmadge						
Ε.	Telephone No.: (724) 816-4898						
Χ.	Application Area Information						
A.	Area Name: Humble Renewable Energy Plant						
B.	Physical Address: 3623 Wilson Road						
City:	Humble						
State	: TX						
ZIP	Code: 77396						
C.	Physical Location:						
D.	Nearest City:						
Е.	State:						
F.	ZIP Code:						

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 5)

Texas Commission on Environmental Quality

X.	Application Area Information (continued)							
G.	Latitude (nearest second): 29:57:08							
Н.	Longitude (nearest second): -95:14:32							
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal?							
J.	Indicate the estimated number of emission units in the application area: 9 (in SOP)							
K.	Are there any emission units in the application area subject to the Acid Rain Program?							
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)							
A.	Name of a public place to view application and draft permit: Atascocita Branch Library							
B.	Physical Address: 19520 Pinehurst Trail Dr.							
City: Humble								
ZIP (Code: 77346							
C.	Contact Person (Someone who will answer questions from the public during the public notice period):							
Contact Name Prefix: (Mr. Mrs. Ms. Dr.):								
Contact Person Full Name: Anna Tallmadge								
Contact Mailing Address: 5313 Campbells Run Road, Suite 200								
City:	Pittsburgh							
State	:: PA							
ZIP Code: 15205								
Terri	tory:							
Cour	ntry:							
Foreign Postal Code:								
Internal Mail Code:								
Telephone No.: (724) 816-4898								

From: Mark Meyer

Sent: Thursday, April 17, 2025 2:20 PM

To: Richardson, Kristin

Cc: Nagaraj, Archana; arosswog@montaukrenewables.com

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Good afternoon,

The PN-11 has been issued. I am sure that you have probably received it by now.

Thank you for the attached revised OP-1 identifying: a new Technical Contact; a new Off-Site Permit Request contact; and a new Public Notice Contact.

You are correct, an actual OP-CRO1 will not be needed if the revised OP-1 is submitted via STEERS.

Please note that Mr. Unger was also an authorized DAR for the permit. An OP-DEL will need to be submitted via STEERS in order to remove Mr. Unger's authorization and/or to identify a new authorized DAR.

As of today, Mr. Shaw is the only authorized official capable of signing an OP-CRO1 and/or signing and submitting a Title V STEERS action.

Please let me know if you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Richardson, Kristin < krichardson@wcgrp.com>

Sent: Thursday, April 17, 2025 2:03 PM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: Nagaraj, Archana <anagaraj@wcgrp.com>; arosswog@montaukrenewables.com

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Form is attached this time.

Kristin Richardson

Air Quality Specialist



6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

krichardson@wcgrp.com | www.wcgrp.com | in





SAFETY FIRST, TRUSTED ADVISORS, 12:1 CULTURE

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From: Richardson, Kristin

Sent: Thursday, April 17, 2025 2:03 PM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: Nagaraj, Archana <anagaraj@wcgrp.com>; arosswog@montaukrenewables.com

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Good afternoon Mark,

Mr. Unger is no longer with the company, which means there is a need for his removal as technical contact. Please use Anna's email when corresponding about this project.

Please find attached the revised Form OP-1 (pages 3 – 5), which have been updated to Anna Tallmadge. This form will be uploaded to STEERS for the RO to submit once TX LFG Energy, LP pays the delinquent \$50 fee. Please let us know if the upload and submittal within STEERS is sufficient, since the previous revisions required a Form OP-CRO1.

Please let me know if you have any questions.

Thanks.

From: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Sent: Thursday, April 17, 2025 12:40 PM

To: Richardson, Kristin < kristin < <a href="mailto:kristin <a href="mailto:kristin

Cc: Nagaraj, Archana <anagaraj@wcgrp.com>; Matthew Unger <munger@montaukrenewables.com> Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Warning: Unusual link

This message contains an unusual link, which may lead to a malicious site. Confirm the message is safe before clicking any links.

Good afternoon,

I am sorry I was unable to take your call. I will be glad to speak with you should you still have questions following this email.

No, the established 30-day timeline for publication does not restart. Notice, even if it is revised, is still required within 30 days of the issuance of the PNAP, which in this case, was 3/27/2025.

While I do not know the reason that Mr. Unger needed to be replaced as the contact for the public notice, he is currently identified as the Technical Contact for the project, so if a new Technical Contact needs to be identified, please include the associated information for the new Technical Contact on the updated OP-1 submitted to identify the new Public Notice Contact.

Thank you.

Mark Mever Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Richardson, Kristin < krichardson@wcgrp.com>

Sent: Thursday, April 17, 2025 12:18 PM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928. Permit O2565)

Does this restart the timeline if the notice package must be reissued? Or do we still need to meet the 30-day deadline for the initial notice? I just left you a voicemail about this.

Kristin Richardson

Air Quality Specialist

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109 O: 817-735-9770 | F: 817-735-9775

krichardson@wcgrp.com | www.wcgrp.com | in





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From: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Sent: Thursday, April 17, 2025 11:42 AM

To: Richardson, Kristin < krichardson@wcgrp.com >

Cc: Anna Rosswog <arosswog@montaukrenewables.com>; Nagaraj, Archana <anagaraj@wcgrp.com> **Subject:** RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565) **Importance:** High

Warning: Unusual link

This message contains an unusual link, which may lead to a malicious site. Confirm the message is safe before clicking any links.

Good morning,

Thank you for the notification about a required change to the notice. Yes, a revised/updated notice package must be issued, which will provide the templates for both of the revised notices.

Getting it issued by 3:00 today might be able to be accomplished, but definitely a longshot. Tomorrow will not be a problem. Obviously, more notice would have been helpful.

Thank you also for advising that you typically receive the Statement of Basis and Draft SOP directly from TCEQ. That is very interesting.

I will provide a status report on the revised notice letter (known as a PN-11) later this afternoon.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Richardson, Kristin < krichardson@wcgrp.com>

Sent: Thursday, April 17, 2025 11:31 AM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: Anna Rosswog <arosswog@montaukrenewables.com>; Nagaraj, Archana <anagaraj@wcgrp.com> **Subject:** Re: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Thank you Mark.

We typically receive the Statement of Basis and Draft SOP directly from TCEQ, so we did not consider the website as an option. Thank you for sending them.

Next Monday will be the first publication date. However, we need to modify both the English and Spanish public notices to update the site contact, which recently changed. It is no longer Matt Unger as listed at the bottom of the notices.

Here is the new contact for the site and notices:

Anna Tallmadge

Environmental Manager Phone: (724) 816-4898 arosswog@montaukrenewables.com<mailto:arosswog@montaukrenewables.com> 5313 Campbells Run Road, Suite 200 Pittsburgh, PA 15205

Do we need to submit revised forms for the SOP to make this change? Is it possible to get the revised public notices before 3 PM today?

Please let me know as soon as possible. Thank you for your assistance.

Get Outlook for iOS<https://aka.ms/o0ukef>

Kristin Richardson

Air Quality Specialist

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109 O: 817-735-9770 | F: 817-735-9775

krichardson@wcgrp.com | www.wcgrp.com





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From: Mark Meyer < Mark. Meyer@tceq.texas.gov >

Sent: Thursday, April 17, 2025 10:46:13 AM To: Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Anna Rosswog arosswog@montaukrenewables.com; Richardson, Kristin

< krichardson@wcgrp.com >

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Good morning, Attached, as requested, please find a copy of both the draft permit and the Statement of Basis (SOB) associated with the renewal for TX LFG Energy and the Humble Renewable Energy Plant. As an FYI for future projects, as indicate

External sender < mark.meyer@tceq.texas.gov >

Make sure you trust this sender before taking any actions.

Good morning,

Attached, as requested, please find a copy of both the draft permit and the Statement of Basis (SOB) associated with the renewal for TX LFG Energy and the Humble Renewable Energy Plant.

As an FYI for future projects, as indicated on page 2 of the Public Notice Authorization Package (PNAP) letter, which was issued 3/27/2025, a link to the related TCEQ website is provided where both the draft permit and the SOB are available:

Public Notice

The TCEQ has prepared a draft permit for your final review and approval. The draft permit and statement of basis are available at the TCEQ Website:

www.tceq.texas.gov/goto/tvnoticehttp://www.tceq.texas.gov/goto/tvnotice

This information is again provided at the beginning of the "Instructions for Public Notice for Federal Operating Permit" (on page 5) portion of the PNAP, and then also in both the English and Spanish notices.

Please be sure to provide the proof of publication for the English notice just as soon as possible once published. This initial proof of publication which shows the complete notice that was published, the date of publication, and the name of the newspaper which the notice was published in, can be provided to me via email attachment. The submittal of this information for the first notice that is published – either English or Spanish – triggers the start of the 45-day EPA Review Period, so it is very important to provide this information at your very earliest opportunity once the notice is published. Please do not wait for the second notice to publish and then submit the information for both notices at the same time. This only delays the start of the EPA Reviews period.

I trust this information is useful, but please do not hesitate to contact me should you have any questions.
Thank you.
Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey >
From: Nagaraj, Archana <anagaraj@wcgrp.com> Sent: Thursday, April 17, 2025 8:21 AM To: Mark Meyer Mark.Meyer@tceq.texas.gov Cc: Anna Rosswog arosswog@montaukrenewables.com; Richardson, Kristin krichardson@wcgrp.com Subject: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)</anagaraj@wcgrp.com>
Good morning Mark,
Could you please send us the Draft Site Operating Permit (SOP) and Statement of Basis (SOB) for the above-referenced facility?

Could you please send it to us no later than Friday, April 18th, so we have adequate time to send the documents with the SOP application and any SOP revisions to the public library

for public review. We have requested the English Public Notice of Draft Permit to be published on Monday, April 21st in the Houston Chronicle, and the Spanish publication will be on April 24th in El Perico.
Thank you in advance for your assistance. Please let me know if you have any questions.
Sincerely,
Archana
Nagaraj
Senior Project Director
[cid:image001.png@01DBAF83.2A3ED8E0]
Weaver Consultants Group
6420 Southwest Blvd. Suite 206
Fort Worth
,
TX

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76109
```

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O: 817-735-9770<tel:817-735-9770>

|
F: 817-735-9775
|
M: 817-597-0646<tel:817-597-0646>
anagaraj@wcgrp.com<mailto:anagaraj@wcgrp.com>
|
www.wcgrp.com<https://wcgrp.com/>
```

[cid:image003.png@01DBAF83.2A3ED8E0]https://www.theweavercompanies.com/

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From: Mark Meyer

Sent: Friday, March 21, 2025 9:32 AM **To:** Matthew Unger; 'Nagaraj, Archana'

Cc: 'Richardson, Kristin'

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble

Renewable Energy Plant (Project 36928, Permit O2565)

Good morning,,

Received – thank you.

Thank you for providing the OP-DEL that was initially submitted in August of last year, as the form was never processed in the database. I have sent the form to APIRT requesting that it be processed now and will advise once – and if – the processing has been completed.

I say "if" as OP-CRO2s and OP-DELs are required to be submitted via STEERS. It appears this submittal was done via mail as opposed to STEERS. I am guessing that is the reason why it was not originally processed. Hopefully, APIRT will process now since the form has now been submitted via STEERS.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger <munger@montaukrenewables.com>

Sent: Thursday, March 20, 2025 10:19 AM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>; 'Nagaraj, Archana' < anagaraj@wcgrp.com>

Cc: 'Richardson, Kristin' < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Good morning,

I have re-submitted the OP-CRO1 form, signed by me as the DAR. I also uploaded the OP-DEL form from August 224 signifying me as the DAR.

Please let me know if anything further is needed.

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200



www.montaukrenewables.com

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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Wednesday, March 19, 2025 7:25 PM

To: Matthew Unger <munger@montaukrenewables.com>; 'Nagaraj, Archana' <anagaraj@wcgrp.com>

Cc: 'Richardson, Kristin' < krichardson@wcgrp.com>

Subject: Re: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

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Good evening,

Good, that should make things much easier! When you get to the point of "sign and submit" just be sure to indicate the DAR is signing/certifying rather than the RO.

Thank you.

Mark Meyer

Air Permits Division - Operating Permits

Texas Commission on Environmental Quality

512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger <munger@montaukrenewables.com>

Sent: Wednesday, March 19, 2025 6:20 PM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov >; 'Nagaraj, Archana' < anagaraj@wcgrp.com >

Cc: 'Richardson, Kristin' < krichardson@wcgrp.com>

Subject: Re: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Mark,

I am an authorized DAR for the facility. I believe my form was submitted in the fall of 2024.

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

Munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200

Pittsburgh, PA 15205

www.montaukrenewables.com

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From: Mark Meyer < <u>Mark.Meyer@tceq.texas.gov</u>> Sent: Wednesday, March 19, 2025 6:16:04 PM

To: Matthew Unger < munger@montaukrenewables.com; 'Nagaraj, Archana' < anagaraj@wcgrp.com>

Cc: 'Richardson, Kristin' < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

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Good evening,

As I went to enter the related information in the database, I noticed that the STEERS submittal was "certified" by Matthew Unger as the <u>RO</u>. Unless things have changed within the last few days, I do not believe this is correct. We have also not received an OP-CRO2 advising TCEQ of a new RO.

Therefore, the STEERS submittal provided yesterday (3/18/2025) afternoon (Application Reference Number 770861) is not valid. Only the authorized RO or an authorized DAR can certify STEERS submittals.

To address, please perform one of the following:

- 1. Provide the completed form with the original signature via mail (using one of the addresses previously provided below); or
- Submit a new STEERS action with the signed, completed form as an attachment, certified by either the authorized RO or by an authorized DAR.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, March 19, 2025 2:11 PM

To: Matthew Unger < munger@montaukrenewables.com >; Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon,

I have received the STEERS submittal of the final OP-CRO1.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Tuesday, March 18, 2025 8:26 AM

To: Matthew Unger < munger@montaukrenewables.com >; Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Good morning,

Perfect! Received - thank you.

I will advise upon receipt of the STEERS submittal.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger <munger@montaukrenewables.com>

Sent: Tuesday, March 18, 2025 8:00 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>; Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Richardson, Kristin < kristin < <a href="mailto:kristin & kristin & kr

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Mark,

Attached is the signed OP-CRO1 form. I will upload it as well to STEERS.

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200



www.montaukrenewables.com

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From: Mark Meyer < Mark.Meyer@tceq.texas.gov >

Sent: Monday, March 17, 2025 12:07 PM

To: Matthew Unger <munger@montaukrenewables.com>; Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Richardson, Kristin < kristin < <a href="mailto:kristin & kristin & kr

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

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Good morning,

Please initially provide the signed OP-CRO1 to me directly as an attachment to email.

While not required, it is probably "best" to submit the completed form via an attachment to a project update in STEERS.

That said, should you prefer to submit the original, wet ink signed document, please use one of the following addresses, depending on how it is sent:

Texas Commission on Environmental Quality Air Permits Division, MC-163 ATTN: Mark Meyer P.O. Box 13087 Austin, TX 78711-3087

Or

Texas Commission on Environmental Quality Air Permits Division, Bldg. C ATTN: Mark Meyer 12100 Park 35 Circle Austin, TX 78753

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger < munger@montaukrenewables.com >

Sent: Monday, March 17, 2025 10:11 AM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov >; Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Richardson, Kristin < krichardson@wcgrp.com >

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Mark,

I have the OP-CRO1 signed by our RO. Could you please provide the address to send the wet ink signature to? Or is it best to upload it to STEERS?

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200 Pittsburgh, PA 15205



www.montaukrenewables.com

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From: Mark Meyer < Mark.Meyer@tceq.texas.gov >

Sent: Friday, March 14, 2025 11:25 AM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

<| [NOTICE] This message originates from an outside source. DO NOT CLICK links or</p> attachments unless the sender is trusted. | >

Good morning,

Those dates sound appropriate and should be fine.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>

Sent: Friday, March 14, 2025 10:17 AM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: 'Matthew Unger' <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good morning Mark,

For the OP-CRO1, we just wanted to confirm the time period for certification. Can we put the timeperiod for certification to be September 3, 2024 to March 13, 2025 or if this needs to be something different, can you please let us know. I got this certification period based on the initial date of request in the email chain below to the date it passed QAQC.

Thank you,

Archie

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109 O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com | in





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From: Mark Meyer < Mark.Meyer@tceq.texas.gov >

Sent: Thursday, March 13, 2025 3:56 PM

To: 'Matthew Unger' <munger@montaukrenewables.com>; Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

External sender <mark.meyer@tceq.texas.gov>

Make sure you trust this sender before taking any actions.

Good afternoon,

The project has passed QAQC and is ready for the issuance of the PNAP once the final OP-CRO1 is received certifying the changes made since the initial renewal application submittal.

Please submit the final OP-CRO1 at your earliest opportunity.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Tuesday, March 11, 2025 8:18 AM

To: Matthew Unger < munger@montaukrenewables.com >; Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Good morning,

Thank you for advising. I will have the database and related documents for this project updated accordingly.

Have a good day.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger < munger@montaukrenewables.com >

Sent: Tuesday, March 11, 2025 8:13 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>; Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Mark,

Jim Shaw's address is 5313 Campbells Run Road Suite 200 Pittsburgh, PA 15205. I have corrected the OP-1 form. Please see attached.

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200 Pittsburgh, PA 15205



www.montaukrenewables.com

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From: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Sent: Monday, March 10, 2025 5:13 PM

To: Nagaraj, Archana anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

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Good afternoon,

Received - thank you.

I will make the address update and submit the project to QAQC. Once it is approved by QAQC, I will request the final OP-CRO1 certifying the changes made since the initial renewal application submittal.

Based on your comment regarding the address, I see this new address was indeed submitted in the original renewal application and APIRT did not make the update. I apologize for the inconvenience and for not noticing this previously.

Please confirm that the 680 Anderson Drive, Foster Plaza 10, 5th Floor address is still valid for the company main address and for the RO, Mr. Shaw, as identified on the OP-1 (Section VI) submitted as part of the application (see attached). The company address will be included in the English and Spanish notices, and Mr. Shaw's address will be on the PNAP letter.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>

Sent: Monday, March 10, 2025 12:01 PM

To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

We just have one comment on the attached WDP. It is TX LFG Energy's address, which will need to be updated. Other than that, we do not have any additional comments. I have marked the attached draft in track change format.

Thank you for the opportunity to review the draft. If you have any questions, please let us know.

Thanks!

Archie

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com in





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From: Mark Meyer < Mark. Meyer@tceq.texas.gov> Sent: Wednesday, March 5, 2025 11:06 AM To: Nagaraj, Archana anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: WDP Review - SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant

(Project 36928, Permit O2565)

Warning: Unusual sender <mark.meyer@tceq.texas.gov>

You don't usually receive emails from this address. Make sure you trust this sender before taking any actions.

Good morning,

I have revised the WDP per the response and updated OP-REQ3, related to unit GASTREAT2 and MACT AAAA, received 2/27/2025. Attached is the updated WDP for your review and final approval. I have also attached the Major NSR Summary Table that will be incorporated into the actual permit document prior to issuing the Public Notice Authorization Package (PNAP).

Please review the two documents and provide your approval, and/or comments, at your earliest opportunity, but please no later than COB on Monday, 3/10/2025.

Thank you.

Mark Mever Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Thursday, February 27, 2025 2:44 PM To: Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon.

Thank you for the explanation and quick response. Appreciated.

I will make the revisions to the requirements per the submitted OP-REQ3.

Thank you, again.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com> Sent: Thursday, February 27, 2025 2:39 PM To: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

The instructions for OP-UA 44 Tables 5a and 5b specifically indicate the ID number needs to be "for the MSW landfill as listed on the Form OP-SUM." In addition, the tables ask questions about landfill design capacity, NMOC emission rate, and whether the gas collection/control system design plan includes alternatives. Given that these are all landfill-related questions, it is our understanding that Form OP-UA44 is not relevant and as such Form OP-UA1 was completed for GASTREAT2. This is similar to the situation regarding the Federal Plan Subpart OOO requirements, as included in our February 18, 2025, response to question E.

Please let us know if you have any additional questions.

Thanks!

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com in





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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Thursday, February 27, 2025 11:37 AM

To: Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

External sender <mark.meyer@tceq.texas.gov>

Make sure you trust this sender before taking any actions.

Good morning,

Based on the submitted documentation provided 2/25/2025, it appears you are indicating the unit GASTREAT2 is indeed subject to 40 CFR Part 63, Subpart AAAA. Accordingly, please provide an explanation for why you are submitting a UA1 for the unit instead of UA44? Tables 5a – 5b of the UA44 are for specifically for MACT AAAA.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, February 26, 2025 7:38 AM **To:** Nagaraj, Archana anagaraj@wcgrp.com

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

< krichardson@wcgrp.com >

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good morning,

Received - thank you.

I will review, updated as appropriate, and advise should I have any questions or need any additional information.

Thank you again.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, February 25, 2025 6:56 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good evening Mark,

Please find attached the revised forms for your review:

- OP-2 updated to include the AAAA revisions.
- OP-UA1 updated to include the AAAA revisions
- OP-REO3 updated to include the AAAA revisions

The revisions are indicated on the forms in yellow highlighted text.

If you have any questions on the attached, please let us know. Thanks.

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109 O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646 anagaraj@wcgrp.com | www.wcgrp.com



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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Wednesday, February 19, 2025 5:57 PM
To: Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

< krichardson@wcgrp.com >

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

External sender < mark.meyer@tceq.texas.gov>

Make sure you trust this sender before taking any actions.

Good evening,

I have incorporated the comments provided 2/18/2025 and attached is the updated WDP. The only "change" between the attached version (v2) and v1 which was provided 2/10/2025, is the referenced submittal date of the OP-PBRSUP in T&C No. 8 (pg. 7).

While incorporating the comments, I did notice what appears to be an issue with the indicated requirements for GASTREAT2 and MACT AAAA in the "Applicable Requirements Summary" (ARS) table (pg. 14). [Note: For convenience, I have highlighted (in yellow) the associated row]. The rule was amended in February 2022, so perhaps that explains the problem, but the currently indicated citations are not proper, as several of them do not even exist (i.e., 63.1955(a)(1), 63.1980(a), 63.1980(b), etc.). The indicated "Textual Description" also appears not to be appropriate.

Reading the rule itself, it appears to me that MACT AAAA may not even be applicable at all, but that is for you to decide.

Please review and provide an updated OP-REQ3 to identify the proper requirements if indeed, MACT AAAA is appropriate for the facility.

Please review and provide your approval to the attached WDP or provide your comments and/or updated OP-REQ3 at your very earliest opportunity, but please no later than COB 2/27/2025.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Tuesday, February 18, 2025 4:49 PM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger < munger@montaukrenewables.com >; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon,

Received – thank you.

I will review, make updates as appropriate, and advise should I have any questions or need any additional information.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

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From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, February 18, 2025 4:45 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: FW: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

We have reviewed the draft permit and do not have any comments, except for the date of the Form PBRSUP as indicated below in the response to Comment C.

Please find below our responses (in blue) to your comments. The Forms OP-2, PBRSUP, and OP-REQ1 page 81 have been revised and are attached. The revisions are indicated on the forms in yellow highlighted text.

Thanks,

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109 O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646 anagaraj@wcgrp.com | www.wcgrp.com



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From: Mark Meyer < Mark.Meyer@tceq.texas.gov >

Sent: Monday, February 10, 2025 5:43 PM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: 'Matthew Unger' < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Warning: Unusual sender < mark.meyer@tceq.texas.gov >

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Good evening,

I have completed the technical review for the submitted renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Project 36928, Permit O2565). Attached, please find the Working Draft Permit (WDP) for your review and approval and/or comments.

During the technical review, the following items surfaced that require additional information and/or documentation:

- A. Related to Item 1 in the previous request below, as mentioned, the last renewal (Project 29490) indicated the site was not major for any pollutants. Your related response indicated that the site is now major for NOX based on the recent re-designation of the HGB area. The last two projects prior to the last renewal, a minor revision (Project 27246) and a renewal (Project 21223) both indicated the site was major for both CO and NOX.
 - a. Please explain the apparent inconsistency.

Response: The discrepancy is caused by the site previously having 6 internal combustion engines for generating electricity, which is why the site was classified as major for the submittals you referenced. However, the engines were removed from the site, and this caused the emissions to decrease such that the site is no longer major for CO.

b. The submitted OP-2 for this renewal project (Project 36928) indicated the site is not major for any pollutants in question III. <u>Please submit</u> an updated OP-2 which correctly identifies the major pollutants at the site.

Response: The Form OP-2 has been updated and is attached.

B. Your response and the updated OP-REQ1 page 88 you provided on 9/10/2024, indicated that PBR § 106.492 was no longer utilized at the site. It was also not listed on the submitted OP-PBRSUP. However, there is a registered PBR, registration no. 74012, for § 106.492, that is still active in the NSR database. While I have removed reference to the PBR in the attached WDP, the NSR database needs to be updated, or the reference to § 106.492 will need to be re-added. Please work with APIRT and/or PBR staff to accurately indicate the status of the PBR at the site.

Response: The PBR registration was for FLARE, which is no longer onsite. We will work on submitting the necessary cancellation documentation.

C. The submitted OP-PBRSUP listed the Version Date of 8/19/2019 for PROCESSMSS on Table B. This is not a legitimate version date for PBR § 106.263. The correct version date is 11/01/2001. Please submit an updated OP-PBRSUP indicating a correct version date. As a reminder, the entire OP-PBRSUP form (i.e., all four Tables) must be submitted whenever a change/update is made. The revised form must also indicate the "new" submittal date in order to properly identify the submittal.

Response: The Form OP-PBRSUP has been updated as requested, and the revised form is attached. Please update page 7 of the draft SOP under item 8. New Source Review Authorization Requirements text to reflect the date on the revised version of the form.

- D. With the removal of units GASTREAT and FLARE, as requested, the permit no longer contains any Permit Shields. <u>Please submit an updated OP-REQ1</u> (Please note the newest form version, dated 09/24 must be used) with question XI.H.1 indicating a "No" response.
 - a. Please note what was Special Term and Condition No. 16 (on page 8 of the effective permit) has been removed from the permit.

Response: Please see attached the revised Form OP-REQ1, page 81.

E. While the manual build for unit GASTREAT2 and 40 CFR Part 62, Subpart OOO is included in the WDP per the submitted documentation, Form UA44 was updated in December to now include 40 CFR Part 62, Subpart OOO. Accordingly, please submit a completed UA44 (Tables 8a and 8b, as pertinent) for unit GASTREAT2 and 40 CFR Part 62, Subpart OOO. Upon receipt, the current manually built requirements will be replaced with the applicable requirements per the submitted UA44.

Response: Although 40 CFR 62, Subpart OOO is applicable to the site, the Form OP-UA44, Table 8a instructions indicate the table is only to be completed by a MSW Landfill. The Unit Attribute form used for the GASTREAT2 emission source is OP-UA1, which was included in the renewal application submittal.

Please review and provide your approval, and/or comments, to the WDP, as well as the requested information/updated documentation, at your earliest opportunity, but please no later than COB on Wednesday, **2/19/2025**.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, September 11, 2024 7:52 AM **To:** Nagaraj, Archana anagaraj@wcgrp.com>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good morning,

Received – thank you.

I will review, process as needed, and advise should I have any questions or need any additional information.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, September 10, 2024 3:00 PM
To: Mark Meyer Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: FW: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Good afternoon Mark,

Please find below and attached our responses to your questions regarding the referenced facility. Please let us know if you have any questions or comments concerning these revisions.

Thanks,

Archie

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206
Fort Worth, TX 76109
O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646
anagaraj@wcgrp.com | www.wcgrp.com



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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Tuesday, September 3, 2024 4:24:41 PM

To: Matthew Unger < munger@montaukrenewables.com>

Subject: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928,

Permit O2565)

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Good afternoon,

I have been assigned the submitted SOP Renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Permit O2565). The application has been assigned Project No. 36928 and was submitted via STEERS on 7/26/2024.

As part of a quick overview of the submitted documents, the following items were noted:

1. The last Title V action application, the renewal issued 2/5/2020 (Project 29490), indicated the plant was not major for any pollutants. The OP-1 (Question II.D), submitted as part of this renewal application, indicates the plant is now major for NO_X. Please confirm this change is correct.

<u>Response:</u> This change is correct. The area changed nonattainment designations since the last submittal. Therefore, the site is major for NOx.

2. The Major NSR Summary Table was not provided with this renewal application. The Major NSR Summary Table included in the effective permit is attached. <u>Please utilize Track Changes and indicate any changes/updates needed</u>. Then, please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024. If there ae no changes, including to the issuance date of the related NSR permits, please just advise accordingly.

<u>Response:</u> As requested, the Major NSR Summary Table is attached in Word form with revisions utilizing Track Changes.

- Table D of the submitted OP-PBRSUP is blank. Please note that every unit identified on either Table A or Table B of the form, must also be listed on Tabel D, with the specific monitoring conducted for each unit in order to demonstrate compliance with the associated Permit by Rule (PBR).
 - a. <u>Please submit an updated form</u> which now includes the three units that are currently listed on Table A (one unit) and Table B (two units). Please note that the entire OP-PBRSUP form must be submitted whenever a change/update is made. The revised form must also indicate the "new" submittal date in order to assist in tracking. Please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024.
 - b. Note that every unit and its associated PBR, must indicate clear, specific monitoring requirements. Every PBR has monitoring requirements, even if the requirements are only recordkeeping requirements per § 106.8, or requirements associated with the general requirements in § 106.4.

<u>Response</u>: As requested, the revised OP-PBRSUP is attached in Word form. Please note that the two emission sources, FLARE and TANKS, previously listed on the initial renewal submittal's OP-PBRSUP, have been removed from the form. These emission sources are not located onsite and were inadvertently included within the application. Due to this revision, please also find attached the revised OP-REQ1, page 88, which visually indicates the removal of the two sources.

Please note that EPA has, on occasion, objected to Title V permits based on one or more of the following:

- NSR permit and PBR monitoring sufficiency. Please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- Reference to confidential business information (CBI) in NSR permits and PBR submittals.

- High-level terms in the SOP Applicable Requirement Summary Table. The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- Accuracy of PBR information provided on the supplemental table and in the permit. Please refer
 to the instructions for Forms OP-PBRSUP and OP-REQ1.

If you have any questions or concerns on any of these items, or think you need to submit any updates, please advise and we can discuss further.

I will contact you should I have any questions or require additional information during the review process. That said, please do not hesitate to contact me at any time should you have any questions.

I look forward to working with you during the review process.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality P.O. Box 13087, MC 163 Austin, TX 78711-3087 512.239.0445

mark.meyer@tceq.texas.gov

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How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Friday, March 7, 2025 12:15 PM

To: Matthew Unger

Cc: Richardson, Kristin; Nagaraj, Archana

Subject: RE: Outstanding Delinquent Fees - TX LFG Energy LP

Good afternoon,

Just an FYI that today's report indicates there are no longer any outstanding delinquent fees.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, March 5, 2025 4:06 PM

To: Matthew Unger <munger@montaukrenewables.com>

Cc: Richardson, Kristin < krichardson@wcgrp.com >; Nagaraj, Archana < anagaraj@wcgrp.com >

Subject: RE: Outstanding Delinquent Fees - TX LFG Energy LP

Good afternoon,

Thank you for the update. Appreciated.

I will advise once the report indicates the fee has been paid. This can take up to a couple of days.

Thank you again.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Matthew Unger < munger@montaukrenewables.com >

Sent: Wednesday, March 5, 2025 3:01 PM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>; Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Richardson, Kristin < krichardson@wcgrp.com>

Subject: RE: Outstanding Delinquent Fees - TX LFG Energy LP

Mark,

This outstanding balance was paid online today (Trace Number: 582EA000657979).

I am currently reviewing the draft you sent over and will supply any comments as soon as possible.

Thank you,

Matt Unger

Southern Regional Environmental Manager

Phone: (412) 779-8548

munger@montaukrenewables.com

5313 Campbells Run Road, Suite 200 Pittsburgh, PA 15205



www.montaukrenewables.com

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From: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Sent: Wednesday, March 5, 2025 12:52 PM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: Outstanding Delinquent Fees - TX LFG Energy LP

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Good afternoon,

Part of the technical review process for all applications, we must check for potential Outstanding Fees. Per the 3/5/2025, TX LFG Energy LP has outstanding fees totaling \$ 4579.33. following is related information from the report:

Custome	er Name: TX LFG	ENERGY LP				
Account	#: 21005966	Debto	ollpath Stage:		Calls:	_
AEF	AEF0028084	AIR EMISSIONS FEE	FY25 MO0627T	31-OCT-24	30-NOV-24	\$4131.12
AEF	SC00356563	LATE FEE - DEC 2024	-	10-DEC-24	10-DEC-24	\$206.55
AEF	SC00358914	LATE FEE - JAN 2025		10-JAN-25	10-JAN-25	\$206.55
AEF	SC00361366	LATE FEE - FEB 2025		10-FEB-25	10-FEB-25	\$35.11
			Total of delinguent	transactions	(Account):	\$4579.33
			Total of delinguent			\$4579.33

Please be advised that the outstanding fee balance does not affect the SOP renewal process until the time of issuance. A permit cannot be issued until fees have been paid. As we are just at the point of

almost issuing the Public Notice Authorization Package (PNAP), there is still plenty of time for the fees to be paid without delaying the permit issuance.

Please contact the Accounts Receivable Department of the Financial Administration's Revenue Operations section for details and guidance for paying the fees.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality P.O. Box 13087, MC 163 Austin, TX 78711-3087 512.239.0445

mark.meyer@tceq.texas.gov

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How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Thursday, February 27, 2025 2:44 PM

To: Nagaraj, Archana

Cc: Matthew Unger; Richardson, Kristin

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy

LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon,

Thank you for the explanation and quick response. Appreciated.

I will make the revisions to the requirements per the submitted OP-REQ1.

Thank you, again.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com> Sent: Thursday, February 27, 2025 2:39 PM To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

The instructions for OP-UA 44 Tables 5a and 5b specifically indicate the ID number needs to be "for the MSW landfill as listed on the Form OP-SUM." In addition, the tables ask questions about **landfill** design capacity, NMOC emission rate, and whether the gas collection/control system design plan includes alternatives. Given that these are all landfill-related questions, it is our understanding that Form OP-UA44 is not relevant and as such Form OP-UA1 was completed for GASTREAT2. This is similar to the situation regarding the Federal Plan Subpart OOO requirements, as included in our February 18, 2025, response to question E.

Please let us know if you have any additional questions.

Thanks!

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com in



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From: Mark Meyer < Mark. Meyer@tceq.texas.gov> Sent: Thursday, February 27, 2025 11:37 AM To: Nagaraj, Archana anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

External sender < mark.meyer@tceq.texas.gov >

Make sure you trust this sender before taking any actions.

Good morning,

Based on the submitted documentation provided 2/25/2025, it appears you are indicating the unit GASTREAT2 is indeed subject to 40 CFR Part 63, Subpart AAAA. Accordingly, please provide an explanation for why you are submitting a UA1 for the unit instead of UA44? Tables 5a – 5b of the UA44 are for specifically for MACT AAAA.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, February 26, 2025 7:38 AM To: Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good morning,

Received - thank you.

I will review, updated as appropriate, and advise should I have any questions or need any additional information.

Thank you again.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com> Sent: Tuesday, February 25, 2025 6:56 PM To: Mark Meyer < Mark. Meyer@tceq.texas.gov >

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

Good evening Mark,

Please find attached the revised forms for your review:

- OP-2 updated to include the AAAA revisions.
- OP-UA1 updated to include the AAAA revisions
- OP-REQ3 updated to include the AAAA revisions

The revisions are indicated on the forms in yellow highlighted text.

If you have any questions on the attached, please let us know. Thanks.

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Wednesday, February 19, 2025 5:57 PM
To: Nagaraj, Archana < anagaraj@wcgrp.com >

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

< krichardson@wcgrp.com >

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable

Energy Plant (Project 36928, Permit O2565)

External sender <mark.meyer@tceq.texas.gov>

Make sure you trust this sender before taking any actions.

Good evening,

I have incorporated the comments provided 2/18/2025 and attached is the updated WDP. The only "change" between the attached version (v2) and v1 which was provided 2/10/2025, is the referenced submittal date of the OP-PBRSUP in T&C No. 8 (pg. 7).

While incorporating the comments, I did notice what appears to be an issue with the indicated requirements for GASTREAT2 and MACT AAAA in the "Applicable Requirements Summary" (ARS) table (pg. 14). [Note: For convenience, I have highlighted (in yellow) the associated row]. The rule was amended in February 2022, so perhaps that explains the problem, but the currently indicated citations are not proper, as several of them do not even exist (i.e., 63.1955(a)(1), 63.1980(a), 63.1980(b), etc.). The indicated "Textual Description" also appears not to be appropriate.

Reading the rule itself, it appears to me that MACT AAAA may not even be applicable at all, but that is for you to decide.

Please review and provide an updated OP-REQ3 to identify the proper requirements if indeed, MACT AAAA is appropriate for the facility.

Please review and provide your approval to the attached WDP or provide your comments and/or updated OP-REQ3 at your very earliest opportunity, but please no later than COB 2/27/2025.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

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From: Mark Meyer

Sent: Tuesday, February 18, 2025 4:49 PM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon,

Received - thank you.

I will review, make updates as appropriate, and advise should I have any questions or need any additional information.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, February 18, 2025 4:45 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

< krichardson@wcgrp.com >

Subject: FW: draft response for RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

We have reviewed the draft permit and do not have any comments, except for the date of the Form PBRSUP as indicated below in the response to Comment C.

Please find below our responses (in blue) to your comments. The Forms OP-2, PBRSUP, and OP-REQ1 page 81 have been revised and are attached. The revisions are indicated on the forms in yellow highlighted text.

Thanks,

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

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From: Mark Meyer < Mark. Meyer@tceq.texas.gov>

Sent: Monday, February 10, 2025 5:43 PM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: 'Matthew Unger' <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

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Good evening,

I have completed the technical review for the submitted renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Project 36928, Permit O2565). Attached, please find the Working Draft Permit (WDP) for your review and approval and/or comments.

During the technical review, the following items surfaced that require additional information and/or documentation:

- A. Related to Item 1 in the previous request below, as mentioned, the last renewal (Project 29490) indicated the site was not major for any pollutants. Your related response indicated that the site is now major for NOX based on the recent re-designation of the HGB area. The last two projects prior to the last renewal, a minor revision (Project 27246) and a renewal (Project 21223) both indicated the site was major for both CO and NOX.
 - a. Please explain the apparent inconsistency.

Response: The discrepancy is caused by the site previously having 6 internal combustion engines for generating electricity, which is why the site was classified as major for the submittals you referenced. However, the engines were removed from the site, and this caused the emissions to decrease such that the site is no longer major for CO.

b. The submitted OP-2 for this renewal project (Project 36928) indicated the site is not major for any pollutants in question III. <u>Please submit</u> an updated OP-2 which correctly identifies the major pollutants at the site.

Response: The Form OP-2 has been updated and is attached.

B. Your response and the updated OP-REQ1 page 88 you provided on 9/10/2024, indicated that PBR § 106.492 was no longer utilized at the site. It was also not listed on the submitted OP-PBRSUP. However, there is a registered PBR, registration no. 74012, for § 106.492, that is still active in the NSR database. While I have removed reference to the PBR in the attached WDP, the NSR database needs to be updated, or the reference to § 106.492 will need to be re-added. Please work with APIRT and/or PBR staff to accurately indicate the status of the PBR at the site.

Response: The PBR registration was for FLARE, which is no longer onsite. We will work on submitting the necessary cancellation documentation.

C. The submitted OP-PBRSUP listed the Version Date of 8/19/2019 for PROCESSMSS on Table B. This is not a legitimate version date for PBR § 106.263. The correct version date is 11/01/2001. Please submit an updated OP-PBRSUP indicating a correct version date. As a reminder, the entire OP-PBRSUP form (i.e., all four Tables) must be submitted whenever a change/update is made. The revised form must also indicate the "new" submittal date in order to properly identify the submittal.

Response: The Form OP-PBRSUP has been updated as requested, and the revised form is attached. Please update page 7 of the draft SOP under item 8. New Source Review Authorization Requirements text to reflect the date on the revised version of the form.

- D. With the removal of units GASTREAT and FLARE, as requested, the permit no longer contains any Permit Shields. <u>Please submit an updated OP-REQ1</u> (Please note the newest form version, dated 09/24 must be used) with question XI.H.1 indicating a "No" response.
 - a. Please note what was Special Term and Condition No. 16 (on page 8 of the effective permit) has been removed from the permit.

Response: Please see attached the revised Form OP-REQ1, page 81.

E. While the manual build for unit GASTREAT2 and 40 CFR Part 62, Subpart OOO is included in the WDP per the submitted documentation, Form UA44 was updated in December to now include 40 CFR Part 62, Subpart OOO. Accordingly, please submit a completed UA44 (Tables 8a and 8b, as pertinent) for unit GASTREAT2 and 40 CFR Part 62, Subpart OOO. Upon receipt, the current manually built requirements will be replaced with the applicable requirements per the submitted UA44.

Response: Although 40 CFR 62, Subpart OOO is applicable to the site, the Form OP-UA44, Table 8a instructions indicate the table is only to be completed by a MSW Landfill. The Unit Attribute form used for the GASTREAT2 emission source is OP-UA1, which was included in the renewal application submittal.

Please review and provide your approval, and/or comments, to the WDP, as well as the requested information/updated documentation, at your earliest opportunity, but please no later than COB on Wednesday, **2/19/2025**.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445 From: Mark Meyer

Sent: Wednesday, September 11, 2024 7:52 AM **To:** Nagaraj, Archana anagaraj@wcgrp.com

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Good morning,

Received - thank you.

I will review, process as needed, and advise should I have any questions or need any additional information.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, September 10, 2024 3:00 PM
To: Mark Meyer Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: FW: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Good afternoon Mark,

Please find below and attached our responses to your questions regarding the referenced facility. Please let us know if you have any questions or comments concerning these revisions.

Thanks,

Archie

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com in





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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Tuesday, September 3, 2024 4:24:41 PM

To: Matthew Unger < munger@montaukrenewables.com >

Subject: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928,

Permit O2565)

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Good afternoon,

I have been assigned the submitted SOP Renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Permit O2565). The application has been assigned Project No. 36928 and was submitted via STEERS on 7/26/2024.

As part of a quick overview of the submitted documents, the following items were noted:

1. The last Title V action application, the renewal issued 2/5/2020 (Project 29490), indicated the plant was not major for any pollutants. The OP-1 (Question II.D), submitted as part of this renewal application, indicates the plant is now major for NO_X. Please confirm this change is correct.

<u>Response:</u> This change is correct. The area changed nonattainment designations since the last submittal. Therefore, the site is major for NOx.

2. The Major NSR Summary Table was not provided with this renewal application. The Major NSR Summary Table included in the effective permit is attached. Please utilize Track Changes and indicate any changes/updates needed. Then, please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024. If there ae no changes, including to the issuance date of the related NSR permits, please just advise accordingly.

<u>Response:</u> As requested, the Major NSR Summary Table is attached in Word form with revisions utilizing Track Changes.

- Table D of the submitted OP-PBRSUP is blank. Please note that every unit identified on either Table A or Table B of the form, must also be listed on Tabel D, with the specific monitoring conducted for each unit in order to demonstrate compliance with the associated Permit by Rule (PBR).
 - a. <u>Please submit an updated form</u> which now includes the three units that are currently listed on Table A (one unit) and Table B (two units). Please note that the entire OP-PBRSUP form must be submitted whenever a change/update is made. The revised form

- must also indicate the "new" submittal date in order to assist in tracking. Please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024.
- b. Note that every unit and its associated PBR, must indicate clear, specific monitoring requirements. Every PBR has monitoring requirements, even if the requirements are only recordkeeping requirements per § 106.8, or requirements associated with the general requirements in § 106.4.

Response: As requested, the revised OP-PBRSUP is attached in Word form. Please note that the two emission sources, FLARE and TANKS, previously listed on the initial renewal submittal's OP-PBRSUP, have been removed from the form. These emission sources are not located onsite and were inadvertently included within the application. Due to this revision, please also find attached the revised OP-REQ1, page 88, which visually indicates the removal of the two sources.

Please note that EPA has, on occasion, objected to Title V permits based on one or more of the following:

- NSR permit and PBR monitoring sufficiency. Please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- High-level terms in the SOP Applicable Requirement Summary Table. The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- Accuracy of PBR information provided on the supplemental table and in the permit. Please refer
 to the instructions for Forms OP-PBRSUP and OP-REQ1.

If you have any questions or concerns on any of these items, or think you need to submit any updates, please advise and we can discuss further.

I will contact you should I have any questions or require additional information during the review process. That said, please do not hesitate to contact me at any time should you have any questions.

I look forward to working with you during the review process.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality P.O. Box 13087, MC 163 Austin, TX 78711-3087 512.239.0445 mark.meyer@tceq.texas.gov

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How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Monday, February 10, 2025 5:43 PM

To: Nagaraj, Archana

Cc: Matthew Unger; Richardson, Kristin

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy

Plant (Project 36928, Permit O2565)

Attachments: WDP - O2565 TX LFG Energy LP (Renewal, 36928) To Applicant

v1_02102025.docx

Good evening,

I have completed the technical review for the submitted renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Project 36928, Permit O2565). Attached, please find the Working Draft Permit (WDP) for your review and approval and/or comments.

During the technical review, the following items surfaced that require additional information and/or documentation:

- A. Related to Item 1 in the previous request below, as mentioned, the last renewal (Project 29490) indicated the site was not major for any pollutants. Your related response indicated that the site is now major for NOX based on the recent re-designation of the HGB area. The last two projects prior to the last renewal, a minor revision (Project 27246) and a renewal (Project 21223) both indicated the site was major for both CO and NOX.
 - a. Please explain the apparent inconsistency.
 - b. The submitted OP-2 for this renewal project (Project 36928) indicated the site is not major for any pollutants in question III. <u>Please submit</u> an updated OP-2 which correctly identifies the major pollutants at the stie.
- B. Your response and the updated OP-REQ1 page 88 you provided on 9/10/2024, indicated that PBR § 106.492 was no longer utilized at the site. It was also not listed on the submitted OP-PBRSUP. However, there is a registered PBR, registration no. 74012, for § 106.492, that is still active in the NSR database. While I have removed reference to the PBR in the attached WDP, the NSR database needs to be updated, or the reference to § 106.492 will need to be re-added. Please work with APIRT and/or PBR staff to accurately indicate the status of the PBR at the site.
- C. The submitted OP-PBRSUP listed the Version Date of 8/19/2019 for PROCESSMSS on Table B. This is not a legitimate version date for PBR § 106.263. The correct version date is 11/01/2001. Please submit an updated OP-PBRSUP indicating a correct version date. As a reminder, the entire OP-PBRSUP form (i.e., all four Tables) must be submitted whenever a change/update is made. The revised form must also indicate the "new" submittal date in order to properly identify the submittal.
- D. With the removal of units GASTREAT and FLARE, as requested, the permit no longer contains any Permit Shields. <u>Please submit an updated OP-REQ1</u> (Please note the newest form version, dated 09/24 must be used) with question XI.H.1 indicating a "No" response.
 - a. Please note what was Special Term and Condition No. 16 (on page 8 of the effective permit) has been removed from the permit.
- E. While the manual build for unit GASSTREAT2 and 40 CFR Part 62, Subpart OOO is included in the WDP per the submitted documentation, Form UA44 was updated in December to now include 40 CFR Part 62, Subpart OOO. Accordingly, <u>please submit a completed UA44</u> (Tables 8a and 8b, as pertinent) for unit GASTREAT2 and 40 CFR Part 62, Subpart OOO. Upon receipt, the current manually built requirements will be replaced with the applicable requirements per the submitted UA44.

Please review and provide your approval, and/or comments, to the WDP, as well as the requested information/updated documentation, at your earliest opportunity, but please no later than COB on Wednesday, 2/19/2025.

Please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Wednesday, September 11, 2024 7:52 AM **To:** Nagaraj, Archana <anagaraj@wcgrp.com>

Cc: Matthew Unger <munger@montaukrenewables.com>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: RE: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project

36928, Permit O2565)

Good morning,

Received - thank you.

I will review, process as needed, and advise should I have any questions or need any additional information.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality 512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Nagaraj, Archana <anagaraj@wcgrp.com>
Sent: Tuesday, September 10, 2024 3:00 PM
To: Mark Meyer Mark.Meyer@tceq.texas.gov>

Cc: Matthew Unger < <u>munger@montaukrenewables.com</u>>; Richardson, Kristin

<krichardson@wcgrp.com>

Subject: FW: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928, Permit O2565)

Good afternoon Mark,

Please find below and attached our responses to your questions regarding the referenced facility. Please let us know if you have any questions or comments concerning these revisions.

Thanks,

Archie

Archana Nagaraj

Senior Project Director

Weaver Consultants Group

6420 Southwest Blvd. | Suite 206 Fort Worth, TX 76109

O: 817-735-9770 | F: 817-735-9775 | M: 817-597-0646

anagaraj@wcgrp.com | www.wcgrp.com | in



SAFETY FIRST, TRUSTED ADVISORS, 12:1 CULTURE

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From: Mark Meyer < Mark.Meyer@tceq.texas.gov > Sent: Tuesday, September 3, 2024 4:24:41 PM

To: Matthew Unger <munger@montaukrenewables.com>

Subject: SOP Renewal Application for TX LFG Energy LP/Humble Renewable Energy Plant (Project 36928,

Permit O2565)

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Good afternoon,

I have been assigned the submitted SOP Renewal application for TX LFG Energy LP and the Humble Renewable Energy Plant (Permit O2565). The application has been assigned Project No. 36928 and was submitted via STEERS on 7/26/2024.

As part of a quick overview of the submitted documents, the following items were noted:

1. The last Title V action application, the renewal issued 2/5/2020 (Project 29490), indicated the plant was not major for any pollutants. The OP-1 (Question II.D), submitted as part of this renewal application, indicates the plant is now major for NO_X. <u>Please confirm this change is correct</u>.

<u>Response:</u> This change is correct. The area changed nonattainment designations since the last submittal. Therefore, the site is major for NOx.

2. The Major NSR Summary Table was not provided with this renewal application. The Major NSR Summary Table included in the effective permit is attached. <u>Please utilize Track Changes and indicate any changes/updates needed</u>. Then, please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024. If there ae no changes, including to the issuance date of the related NSR permits, please just advise accordingly.

<u>Response:</u> As requested, the Major NSR Summary Table is attached in Word form with revisions utilizing Track Changes.

- 3. Table D of the submitted OPO-PBRSUP is blank. Please note that every unit identified on either Table A or Table B of the form, must also be listed on Tabel D, with the specific monitoring conducted for each unit in order to demonstrate compliance with the associated Permit by Rule (PBR).
 - a. Please submit an updated form which now includes the three units that are currently listed on Table A (one unit) and Table B (two units). Please note that the entire OP-PBRSUP form must be submitted whenever a change/update is made. The revised form must also indicate the "new" submittal date in order to assist in tracking. Please return the revised table in Word, at your earliest opportunity, but please no later than COB on Friday, 9/27/2024.
 - b. Note that every unit and its associated PBR, must indicate clear, specific monitoring requirements. Every PBR has monitoring requirements, even if the requirements are only recordkeeping requirements per § 106.8, or requirements associated with the general requirements in § 106.4.

Response: As requested, the revised OP-PBRSUP is attached in Word form. Please note that the two emission sources, FLARE and TANKS, previously listed on the initial renewal submittal's OP-PBRSUP, have been removed from the form. These emission sources are not located onsite and were inadvertently included within the application. Due to this revision, please also find attached the revised OP-REQ1, page 88, which visually indicates the removal of the two sources.

Please note that EPA has, on occasion, objected to Title V permits based on one or more of the following:

- NSR permit and PBR monitoring sufficiency. Please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- High-level terms in the SOP Applicable Requirement Summary Table. The high-level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- Accuracy of PBR information provided on the supplemental table and in the permit. Please refer to the instructions for Forms OP-PBRSUP and OP-REQ1.

If you have any questions or concerns on any of these items, or think you need to submit any updates, please advise and we can discuss further.

I will contact you should I have any questions or require additional information during the review process. That said, please do not hesitate to contact me at any time should you have any questions.

I look forward to working with you during the review process.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711-3087
512.239.0445
mark.meyer@tceq.texas.gov
Please consider whether it is necessary to print this e-mail



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FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO TX LFG Energy, LP

AUTHORIZING THE OPERATION OF Humble Renewable Energy Plant Other Electric Power Generation

LOCATED AT

Harris County, Texas Latitude 29° 57′ 8″ Longitude 95° 14′ 32″ Regulated Entity Number: RN102495421

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No:	O2565	Issuance Date: _	
For the Co	mmission		

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

- 1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart AAAA as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.840 which incorporates the 40 CFR Part 63 Subpart by reference.
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive

ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity

requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.
- B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
 - (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3)Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to

condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
 - (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's

eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by [h_e/H_e]² as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: Storage of Volatile Organic Compounds, the permit holder shall comply with the requirements of 30 TAC § 115.112(e)(1).
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
- B. Title 40 CFR § 60.8 (relating to Performance Tests)
- C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
- D. Title 40 CFR § 60.12 (relating to Circumvention)
- E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
- F. Title 40 CFR § 60.14 (relating to Modification)
- G. Title 40 CFR § 60.15 (relating to Reconstruction)
- H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

Additional Monitoring Requirements

7. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

- 8. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated September 9, 2024 in the application for project 36928), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield

- 9. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
- 10. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

- 11. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
- 12. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

- 13. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Permit Location

14. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit at TX LFG Energy LP, 680 Andersen Drive, Foster Plaza 10, 5th Floor, Pittsburgh, PA 15220.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

New Source Review Authorization References

Unit Summary	1	2
Applicable Requirements Summary	1	3

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (§ 122.144), Reporting Terms and Conditions (§ 122.145), and Compliance Certification Terms and Conditions (§ 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
DRUM	LOADING/UNLOADING OPERATIONS	N/A	R5211-0.5-	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
F-2	FLARES	N/A	R1111-NORM	30 TAC Chapter 111, Visible Emissions	No changing attributes.
F-2	FLARES	N/A	60A-NORM	40 CFR Part 60, Subpart A	No changing attributes.
GASTREAT2	MISCELLANEOUS UNITS	N/A	62000-TREAT	40 CFR Part 62, Subpart OOO	No changing attributes.
GASTREAT2	MISCELLANEOUS UNITS	N/A	63AAAA-TREAT	40 CFR Part 63, Subpart AAAA	No changing attributes.
PROCESSMSS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-FL	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
REGENGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-TOX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TAILGAS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-100-	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
TRUCK	LOADING/UNLOADING OPERATIONS	N/A	R5211-0.5-	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
DRUM	EU	R5211- 0.5-	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
F-2	CD	R1111- NORM	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
F-2	CD	60A- NORM	Opacity	40 CFR Part 60, Subpart A	\$ 60.18(b) \$ 60.18(c)(1) \$ 60.18(c)(2) \$ 60.18(c)(3)(ii) \$ 60.18(c)(4)(iii) \$ 60.18(c)(6) \$ 60.18(e)	Flares shall comply with paragraphs (c)-(f) of § 60.18.	§ 60.18(d) § 60.18(f)(1) § 60.18(f)(2) § 60.18(f)(3) § 60.18(f)(4) § 60.18(f)(5)	None	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
GASTREAT2	EU	62000- TREAT	NMOC	40 CFR Part 62, Subpart OOO	§ 62.16714(c)(3)	Route the collected gas to a treatment system that processes the collected gas for subsequent sale or beneficial use such as fuel for combustion, production of vehicle fuel, production of high-Btu gas for pipeline injection, or use as a raw material in a chemical manufacturing process. Venting of treated landfill gas to the ambient air is not allowed.	§ 62.16722(g)	§ 62.16726(b)(5)	None
GASTREAT2	CD	63AAAA- TREAT	112(B) HAPS	40 CFR Part 63, Subpart AAAA	§ 63.1955(a)(1) § 63.1955(b)	Comply with the requirements of 40 CFR part 60, subpart WWW.	§ 63.1960	§ 63.1980(a) § 63.1980(b)	§ 63.1980(a)
PROCESSMSS	EP	R5121- FL	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
REGENGAS	EP	R5121- TOX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(C) § 115.126(2) ** See Periodic Monitoring Summary	§ 115.126 § 115.126(1) § 115.126(1)(C) § 115.126(2)	None
TAILGAS	EP	R5121- 100-	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
TRUCK	EU	R5211- 0.5-	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None

	Additional Monitorin	g Requirements	
Periodic Monitoring Summary.			 17

Periodic Monitoring Summary

Unit/Group/Process Information						
ID No.: REGENGAS						
Control Device ID No.: TOX Control Device Type: Thermal (direct flame incinerator/regene thermal oxidizer)						
Applicable Regulatory Requirement						
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121-TOX					
Pollutant: VOC	Main Standard: § 115.122(a)(1)					
Monitoring Information						
Indicator: Combustion Temperature / Exhaust Gas Tempera	ature					
Minimum Frequency: Once per week						
Averaging Period: N/A						
Deviation Limit: If combustion temperature is less than 1450 degrees F, then it shall be considered and reported as a deviation.						
Periodic Monitoring Text: Measure and record the combustion temperature in the combustion chamber or immediately downstream of the combustion chamber. The monitoring instrumentation shall be maintained, calibrated and operated in accordance with manufacturer's specifications or other written procedures. Any monitoring data below the minimum limit shall be considered and reported as a deviation.						

New Source Review Authorization References

New Source Review Authorization References	19
New Source Review Authorization References by Emission Unit	20

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Prevention of Significant Deterioration (PSD) Permits			
PSD Permit No.: PSDTX973 Issuance Date: 07/02/2021			
Nonattainment (NA) Permits			
NA Permit No.: N032 Issuance Date: 07/02/2021			
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.			
Authorization No.: 44278 Issuance Date: 07/02/2021			
Permits By Rule (30 TAC Chapter 106) for the Application Area			
Number: 106.263 Version No./Date: 11/01/2001			

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
DRUM	DRUM LOADING	44278, PSDTX973, N032
F-2	FLARE	44278, PSDTX973, N032
GASTREAT2	LFG TREATMENT SYSTEM	44278, PSDTX973, N032
PROCESSMSS	LFG PROCESSING UNIT PROCESS MSS GAS	44278, PSDTX973, N032
REGENGAS	LFG PROCESSING UNIT REGEN GAS	44278, PSDTX973, N032
TAILGAS	LFG PROCESSING UNIT TAIL GAS	44278, PSDTX973, N032
TRUCK	TRUCK LOADING	44278, PSDTX973, N032

^{**}This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

	Appendix A	
Acronym List		22

Acronym List

The following abbreviations or acronyms may be used in this permit:

A O E M	actual public foot non minute
	actual cubic feet per minute alternate means of control
	Acid Rain Program
	Beaumont/Port Arthur (nonattainment area)
	control device
	continuous emissions monitoring system
	continuous opacity monitoring system
	closed vent system
D/FW	
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
	Federal Clean Air Act Amendments
FOP	federal operating permit
	grains per 100 standard cubic feet
	hazardous air pollutant
	hydrogen sulfide
	identification number
	pound(s) per hour
NAACT	Maximum Achievable Control Technology (40 CFR Part 63)
MACI	Iviaximum Achievable Control Technology (40 CFR Part 63)
MANADA/L.	
	Million British thermal units per hour
NA	Million British thermal units per hour nonattainment
NA N/A	Million British thermal units per hour nonattainmentnot applicable
NA N/A NADB	
NA N/A NADB NESHAP	
NA	
NA N/A NADB NESHAP NOx NSPS NSR ORIS Pb PBR PEMS PEMS PM ppmv PRO PSD psia SIP SO2 TCEQ	
NA	
NA	Million British thermal units per hour nonattainment not applicable National Allowance Data Base National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61) nitrogen oxides New Source Performance Standard (40 CFR Part 60) New Source Review Office of Regulatory Information Systems lead Permit By Rule predictive emissions monitoring system particulate matter parts per million by volume process unit prevention of significant deterioration pounds per square inch absolute state implementation plan sulfur dioxide Texas Commission on Environmental Quality total suspended particulate true vapor pressure
NA N/A NADB NESHAP NOx NSPS NSR ORIS Pb PBR PEMS PM ppmv PRO PSD psia SIP SO2 TCEQ TSP TVP U.S.C.	

Appendix B	
Major NSR Summary Table	24

Form OP-CRO1 Certification by Responsible Official **Federal Operating Permit Program** Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	그렇게 살게 많은 시간 기계를 가는 사람이 살아가지 않는 것은 사람이 없다.
RN: RN102495421	
CN: CN601281835	
Account No.: HX-2716-F	
Permit No.: O-2565	
Project No.: 36928	
Area Name: Humble Renewable Energy Plant	
Company Name: TX LFG Energy, LP	
II. Certification Type (Please mark approp	riate box)
Responsible Official Representative	Duly Authorized Representative
	te box) (Only one response can be accepted per form)
SOP/TOP Initial Permit Application	Permit Revision, Renewal, or Reopening
GOP Initial Permit Application	☑ Update to Permit Application
Other:	

Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of				Lby TCFO as	information for reference	only
This certification does	not extend to i	nformation wh	ich is designated	I DY ICEQ as	information for reference	
I, Jim	Shaw	ce	ertify that I am th	ne	RO	
-,	ìer Name printed				(RO or DAR)	
41 محمسم أمم أسميت مساكد ساك	ne specific date(s ime Period or Sp	s) below, are true pecific Date(s) fo	e, accurate, and c or each certificat	ompiete:	nts and information dated during must be completed. The	ring
Time Period: From		/03/2024	to	03	3/13/2025	
11444		(Start Date)	<u></u>		(End Date)	
Specific Dates:						
	(Date 1)	(Date	2)	(Date 3)	(Date 4)	
	(Date 5)			(Date 6)		
Signature:	118/_			Signature Da	ate: 3/17/25	Title:
Title: Vice Presi	dent of Operat	ions			<u> </u>	

VIA CERTIFIED MAIL

9589 0710 5270 2135 2659 00

August 7, 2024

Air Permits Division
Texas Commission on Environmental Quality
Mail Code 163
PO Box 13087
Austin, Texas 78711-3087

Re: Form OP-DEL

To Whom It May Concern,

TX LFG Energy, LP is submitting the OP-DEL form in accordance with Title 30 Texas Administrative Code § 122.165 (30 TAC § 122.165). A copy of this submission is also being submitted to the TCEQ Regional Office.

If you have any questions or require additional information, please do not hesitate to contact me at or 412-779-8548 munger@montaukrenewables.com.

Sincerely,

Matt Unger

Regional Environmental Manager

Most Unger

Cc:

TCEQ Regional Office

Form OP-DEL Delegation of Responsible Official Information Federal Operating Permit Program Texas Commission on Environmental Quality

I. Identifying Information
Account No.: HX-2716-F
RN: RN102495421
CN: CN601281835
Permit No.: O-2565
Area Name: HRE Facility
Company Name: TX LFG Energy, LP
II. Duly Authorized Representative Information
Action Type: New DAR Identification Administrative Information Change
Conventional Title: Mrs. Mrs. Dr.)
Name (on driver's license): Matthew Unger
Title: Regional Environmental Manager
Delegation Effective Date: 8/7/2024
Telephone No.: 412-779-8548
Fax No.:
Company Name: Montauk Renewables
Mailing Address: 5313 Campbells Run Road, sutie 200
City: Pittsburgh
State: PA
ZIP Code: 15205
Email Address: munger@montaukrenewables.com

Form OP-DEL Delegation of Responsible Official Information Federal Operating Permit Program Texas Commission on Environmental Quality

III. Certification of Truth, Accuracy, and Completeness
I, James A. Shaw
(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)
, certify that, based on information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. (RO signature required for New DAR Identification only; DAR signature required for any Action Type) Responsible Official Signature: Date: 8/2/2024 Duly Authorized Representative Signature: Date: 8/7/2024
IV. Removal of Duly Authorized Representative(s)
The following should be removed as Duly Authorized Representative(s):
Effective Date:
(Name(s) printed or typed)
Responsible Official Signature:Date:

Form OP-DEL Delegation of Responsible Official Information Federal Operating Permit Program (Extension)

V. Additional Identifying Information
Account No.: HG-1399-S
RN: RN100222710
CN: CN600131262
Permit No.: O-1512
Area Name: McCarty Road Landfill Gas Recovery Facility
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:
Account No.:
RN:
CN:
Permit No.:
Area Name:

exas Commission on Environmental Quality

Title V Existing

2565

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?

Does the site have a physical address? Yes

Physical Address

Number and Street 3623 WILSON RD

City HUMBLE

State TX

ZIP 77396

County HARRIS

Latitude (N) (##.####) 29.952222 Longitude (W) (-##.####) 95.242222

Primary SIC Code 4911

Secondary SIC Code

Primary NAICS Code 221119

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN102495421

What is the name of the Regulated Entity (RE)? HUMBLE RENEWABLE ENERGY PLANT

HUMBLE RENEWABLE ENERGY PLANT

Does the RE site have a physical address? Yes

Physical Address

Number and Street 3623 WILSON RD

City HUMBLE

State TX ZIP 77396

County HARRIS

Latitude (N) (##.#####) 29.952222 Longitude (W) (-###.#####) -95.242222

Facility NAICS Code

What is the primary business of this entity? ELECTRIC POWER GENERATION

Customer (Applicant) Information

How is this applicant associated with this site? Owner Operator What is the applicant's Customer Number (CN)? CN601281835

Type of Customer Partnership

Full legal name of the applicant:

Legal Name TX LFG Energy, LP

Texas SOS Filing Number 13464211

Federal Tax ID 190041075

State Franchise Tax ID 19004107520

State Sales Tax ID

Local Tax ID

DUNS Number 930187393 Number of Employees 0-20

Independently Owned and Operated? No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name TX LFG ENERGY LP

Prefix MR First JIM

Middle

Last SHAW

Suffix

Credentials

Title VICE PRESIDENT OF OPERATIONS

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 5313 CAMPBELLS RUN RD

Routing (such as Mail Code, Dept., or Attn:) STE 200

City PITTSBURGH

State PA

ZIP 15205

Phone (###-####) 7249847361

Extension

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

Fax (###-###-###) 4125421577 E-mail jshaw@montaukenergy.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

New Contact

Organization Name TX LFG Energy LP

Prefix MR

First Matthew

Middle

Last Unger

Suffix

Credentials

Title Regional Environmental Manager

Enter new address or copy one from list Resposible Official Contact Address

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 5313 CAMPBELLS RUN RD

Routing (such as Mail Code, Dept., or Attn:) STE 200

City PITTSBURGH

State PA

Zip 15205

Phone (###-###) 4127798548

Extension

Alternate Phone (###-###)

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

E-mail munger@montaukrenewables.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

MATTHEW UNGER(TX LFG ENERGY L...)

Organization Name TX LFG ENERGY LP

Prefix MR

First MATTHEW

Middle

Last UNGER

Suffix

Credentials

Title SOUTHERN REGIONAL ENVIRONMENTAL MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 5313 CAMPBELLS RUN RD

Routing (such as Mail Code, Dept., or Attn:) STE 200

City PITTSBURGH

State PA

ZIP 15205

Phone (###-###) 4127798548

Extension

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

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

E-mail munger@montaukrenewables.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate:29 Deg 57 Min 8 Sec3) Permit Longitude Coordinate:95 Deg 14 Min 32 Sec

4) Is this submittal a new application or an update to an existing application? Update

4.1. Select the permit/project number for which this update should be applied. 2565-36928

5) Who will electronically sign this Title V application? Duly Authorized Representative

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

[File Properties]

File Name OP-DEL 080724.pdf

Hash 9CF06DB3016AE1174105DFCEAC4A698D142F43619A30545CC3139104AF21E9DE

MIME-Type application/pdf

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name OP-CRO1 031725.pdf
Hash 6A92D3CC114C507FF01BE17E2D412A8608EA6B0F3323CBEB20EDDFBFCECE4A66

MIME-Type application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Duly Authorized Representative for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

I am Matthew M Unger, the owner of the STEERS account ER105778.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 2565.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Matthew M Unger OWNER OPERATOR

Account Number: ER105778

Signature IP Address: 131.153.157.58 Signature Date: 2025-03-20

Signature Hash:

21D6443083646598944580B4ED2F169C5A82DFE3F3BA4994AFCB60E0A138BE24

Form Hash Code at time of Signature:

AC0EFF24493F3D79EDD12034C419A4B4F2A286E51A61407F957C222D757E75EC

Submission

Reference Number: The application reference number is 771386

Submitted by: The application was submitted by ER105778/Matthew M Unger

Submitted Timestamp: The application was submitted on 2025-03-20 at 10:16:57 CDT

Submitted From: The application was submitted from IP address 131.153.157.58

Confirmation Number: The confirmation number is 640296

Steers Version: The STEERS version is 6.88
Permit Number: The permit number is 2565

Additional Information

Application Creator: This account was created by Matthew M Unger

Form OP-CRO1 Certification by Responsible Official **Federal Operating Permit Program** Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information	그렇게 살게 많은 시간 기계를 가는 사람이 살아가지 않는 것은 사람이 없다.
RN: RN102495421	
CN: CN601281835	
Account No.: HX-2716-F	
Permit No.: O-2565	
Project No.: 36928	
Area Name: Humble Renewable Energy Plant	
Company Name: TX LFG Energy, LP	
II. Certification Type (Please mark approp	riate box)
Responsible Official Representative	Duly Authorized Representative
	te box) (Only one response can be accepted per form)
SOP/TOP Initial Permit Application	Permit Revision, Renewal, or Reopening
GOP Initial Permit Application	☑ Update to Permit Application
Other:	

Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of				Lby TCFO as	information for reference	only
This certification does	not extend to i	nformation wh	ich is designated	I DY ICEQ as	information for reference	
I, Jim	Shaw	ce	ertify that I am th	ne	RO	
-,	ìer Name printed				(RO or DAR)	
41 محمسم أمم أسميت مساكد ساك	ne specific date(s ime Period or Sp	s) below, are true pecific Date(s) fo	e, accurate, and c or each certificat	ompiete:	nts and information dated during must be completed. The	ring
Time Period: From		/03/2024	to	03	3/13/2025	
11444		(Start Date)	<u></u>		(End Date)	
Specific Dates:						
	(Date 1)	(Date	2)	(Date 3)	(Date 4)	
	(Date 5)			(Date 6)		
Signature:	118/_			Signature Da	ate: 3/17/25	Title:
Title: Vice Presi	dent of Operat	ions			<u> </u>	

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?

HUMBLE RENEWABLE ENERGY PLANT

Does the site have a physical address? Yes

Physical Address

Number and Street 3623 WILSON RD

City HUMBLE

State TX
ZIP 77396
County HARRIS

Latitude (N) (##.#####) 29.952222 Longitude (W) (-##.#####) 95.242222

Primary SIC Code 4911

Secondary SIC Code

Primary NAICS Code 221119

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN102495421

What is the name of the Regulated Entity (RE)? HUMBLE RENEWABLE ENERGY PLANT

Does the RE site have a physical address? Yes

Physical Address

Number and Street 3623 WILSON RD

City HUMBLE

State TX
ZIP 77396
County HARRIS

Latitude (N) (##.#####) 29.952222 Longitude (W) (-###.#####) -95.242222

Facility NAICS Code

What is the primary business of this entity? ELECTRIC POWER GENERATION

Customer (Applicant) Information

How is this applicant associated with this site? Owner Operator What is the applicant's Customer Number (CN)? CN601281835

Type of Customer Partnership

Full legal name of the applicant:

Legal Name TX LFG Energy, LP

Texas SOS Filing Number 13464211

Federal Tax ID 190041075

State Franchise Tax ID 19004107520

State Sales Tax ID

Local Tax ID

DUNS Number 930187393 Number of Employees 0-20

Independently Owned and Operated? No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name TX LFG ENERGY LP

Prefix MR First JIM

Middle

Last SHAW

Suffix

Credentials

Title VICE PRESIDENT OF OPERATIONS

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 5313 CAMPBELLS RUN RD

Routing (such as Mail Code, Dept., or Attn:) STE 200

City PITTSBURGH

State PA

ZIP 15205

Phone (###-####) 7249847361

Extension

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

Fax (###-###-###) 4125421577 E-mail jshaw@montaukenergy.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

MATTHEW UNGER(TX LFG ENERGY L...)

Organization Name TX LFG ENERGY LP

Prefix MR

First MATTHEW

Middle

Last UNGER

Suffix

Credentials

Title SOUTHERN REGIONAL ENVIRONMENTAL MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 5313 CAMPBELLS RUN RD

Routing (such as Mail Code, Dept., or Attn:) STE 200

City PITTSBURGH

State PA

ZIP 15205

Phone (###-####) 4127798548

Extension

Alternate Phone (###-###)

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

E-mail munger@montaukrenewables.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate:29 Deg 57 Min 8 Sec3) Permit Longitude Coordinate:95 Deg 14 Min 32 Sec

4) Is this submittal a new application or an update to an existing application? Update

4.1. Select the permit/project number for which this update should be applied. 2565-36928

5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name OP-CRO1 Signed.pdf

Hash 6A92D3CC114C507FF01BE17E2D412A8608EA6B0F3323CBEB20EDDFBFCECE4A66

MIME-Type application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

I am Matthew M Unger, the owner of the STEERS account ER105778.

I have the authority to sign this data on behalf of the applicant named above.

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.

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.

I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.

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.

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.

I am knowingly and intentionally signing Title V Existing 2565.

My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Matthew M Unger OWNER OPERATOR

Account Number: ER105778

Signature IP Address: 131.153.157.58 Signature Date: 2025-03-18

Signature Hash:

21D6443083646598944580B4ED2F169C5A82DFE3F3BA4994AFCB60E0A138BE24

Form Hash Code at time of Signature:

D66A30E1F8C644E015F836E3A2AC8BACB75F17466D32524253D693CEF774FC43

Submission

Reference Number: The application reference number is 770861

Submitted by: The application was submitted by ER105778/Matthew M Unger

Submitted Timestamp: The application was submitted on 2025-03-18 at 19:29:39 CDT

Submitted From: The application was submitted from IP address 131.153.157.58

Confirmation Number: The confirmation number is 639828

Steers Version: The STEERS version is 6.88
Permit Number: The permit number is 2565

Additional Information

Application Creator: This account was created by Kristin C Richardson

Form OP-CRO1 Certification by Responsible Official **Federal Operating Permit Program** Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

The state of the s	
I. Identifying Information	
RN: RN102495421	
CN: CN601281835	
Account No.: HX-2716-F	
Permit No.: 0-2565	
Project No.: 36928	
Area Name: Humble Renewable Energy Plant	
Company Name: TX LFG Energy, LP	
II. Certification Type (Please mark approp	riate box)
Responsible Official Representative	Duly Authorized Representative
	te box) (Only one response can be accepted per form)
SOP/TOP Initial Permit Application	Permit Revision, Renewal, or Reopening
GOP Initial Permit Application	☐ Update to Permit Application
Other:	

Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification				Lby TCFO co	information for reference	only
This certification does	s not extend to i	nformation wh	ich is designated	I DY ICEQ AS	information for reference	
I, Jim	Shaw	c	ertify that I am th	ıe	RO	
	fier Name printe				(RO or DAR)	
الإصمام أمماسم سيناد بالا	he specific date(s ime Period or Sp	s) below, are tru pecific Date(s) fo	e, accurate, and c or each certificat	complete:	ts and information dated du n must be completed. The	ring
Time Period: From 09/03/20			02/42/2025		/13/2025	
		(Start Date)		(End Date)		
Specific Dates:						
	(Date 1)	(Date	2)	(Date 3)	(Date 4)	
	(Date 5)			(Date 6)		
Signature:	118/			Signature Da	nte: 3/17/25	Γitle:
Title: Vice Presi	dent of Operat	tions				

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 1)

Texas Commission on Environmental Quality

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	Company Identifying Information				
A.	Company Name: TX LFG Energy, LP				
В.	Customer Reference Number (CN): CN601281835				
C.	Submittal Date (mm/dd/yyyy): 07/25/2024				
II.	Site Information				
A.	Site Name: Humble Renewable Energy Plant				
В.	Regulated Entity Reference Number (RN): RN102495421				
C.	Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)				
□ A	R CO KS LA NM OK N/A				
D.	D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: (<i>Check the appropriate box[es]</i> .)				
\square V	$OC igwidge NO_X igwidge SO_2 igwidge PM_{10} igwidge CO igwidge Pb igwidge HAPS$				
Othe	r:				
E.	Is the site a non-major source subject to the Federal Operating Permit Program? $\ \ \ \ \ \ \ \ \ \ \ \ \ $				
F.	Is the site within a local program area jurisdiction? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$				
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO				
Н.	I. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:				
III.	Permit Type				
A.	Type of Permit Requested: (Select only one response)				
$\boxtimes S$	∑ Site Operating Permit (SOP) ☐ Temporary Operating Permit (TOP) ☐ General Operating Permit (GOP)				

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 2)

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)	
A.	Is this submittal an abbreviated or a full application?	Abbreviated Full
В.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ YES ☐ NO
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ YES ☐ NO
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA (Refer to the form instructions for additional information.)	? YES \(\sup \) NO
V.	Confidential Information	
A.	Is confidential information submitted in conjunction with this application?	☐ YES ⊠ NO
VI.	Responsible Official (RO) Identifying Information	
RO l	Name Prefix: (Mr. Mrs. Mrs. Dr.)	
RO I	Full Name: Jim Shaw	
RO '	Title: Vice President of Operations	
Emp	loyer Name: TX LFG Energy, LP	
Mail	ing Address: 5313 Campbells Run Road, Suite 200	
City	Pittsburgh	
State	: PA	
ZIP	Code: 15205	
Terr	itory:	
Cou	ntry:	
Fore	ign Postal Code:	
Inter	nal Mail Code:	
Tele	phone No.: (724) 984-7361	
Fax	No.: (412) 542-1577	
Ema	il: jshaw@montaukrenewables.com	

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

VII. Technical Contact Identifying Information (Complete if different from RO.)
Technical Contact Name Prefix: (Mr. Mrs. Dr.)
Technical Contact Full Name: Matthew Unger
Technical Contact Title: Southern Regional Environmental Manager
Employer Name: TX LFG Energy, LP
Mailing Address: 5313 Campbells Run Road, Suite 200
City: Pittsburgh
State: PA
ZIP Code: 15205
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (412) 779-8548
Fax No.:
Email: munger@montaukrenewables.com
VIII. Reference Only Requirements (For reference only.)
A. State Senator: Molly Cook (District 15)
B. State Representative: Harold V. Dutton, Jr. (District 142)
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?
E. Indicate the alternate language(s) in which public notice is required: Spanish

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 4)

IX.	Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
A.	Office/Facility Name: TX LFG Energy, LP
В.	Physical Address: 5313 Campbells Run Road, Suite 200
City	: Pittsburgh
State	e: PA
ZIP	Code: 15205
Terr	itory:
Cou	ntry:
Fore	ign Postal Code:
C.	Physical Location:
D.	Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)
Con	tact Full Name: Matthew Unger
E.	Telephone No.: (412) 779-8548
X.	Application Area Information
A.	Area Name: Humble Renewable Energy Plant
В.	Physical Address: 3623 Wilson Road
City	: Humble
State	e: TX
ZIP	Code: 77396
C.	Physical Location:
D.	Nearest City:
E.	State:
F.	ZIP Code:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 5)

X.	Application Area Information (continued)
G.	Latitude (nearest second): 29:57:08
Н.	Longitude (nearest second): -95:14:32
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO
J.	Indicate the estimated number of emission units in the application area: 9 (in SOP)
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)
A.	Name of a public place to view application and draft permit: Atascocita Branch Library
В.	Physical Address: 19520 Pinehurst Trail Dr.
City	: Humble
ZIP	Code: 77346
C.	Contact Person (Someone who will answer questions from the public during the public notice period):
Cont	tact Name Prefix: (Mr. Mrs. Ms. Dr.):
Cont	tact Person Full Name: Matthew Unger
Cont	tact Mailing Address: 5313 Campbells Run Road, Suite 200
City	: Pittsburgh
State	e: PA
ZIP	Code: 15205
Terr	itory:
Cou	ntry:
Fore	ign Postal Code:
Inter	nal Mail Code:
Tele	phone No.: (412) 779-8548

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 6)

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (Mr. Mrs. Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Fmail:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 7)

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (Mr. Mrs. Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1

Date: 02/26/2025	
Permit No.: O-2565	
Regulated Entity No.: RN102495421	
Company Name: TX LFG Energy, LP	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	⊠ YES □ NO
I. Application Type	
Indicate the type of application:	
⊠ Renewal	
Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
Significant Revision	
Revision Requesting Prior Approval	
Administrative Revision	
Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☐ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1 (continued) Texas Commission on Environmental Quality

III.	Major Source Pollutants ((Complete this section if the	permit revision is due t	o a change at the site or	change in regulations	.)
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)						
	\bigcirc C \bigcirc NO _X	\square SO ₂	\square PM ₁₀	СО	☐ Pb	HAP
Other:						
IV.	Reference Only Requirem	nents (For reference only)				
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☐ YES ☐ NO ☐ N/A						
V.	Delinquent Fees and Pena	alties				
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 2 Texas Commission on Environmental Quality

Date: **02/26/2025**

Permit No.: **0-2565**

Regulated Entity No.: RN102495421

Company Name: TX LFG Energy, LP

Using the table below, provide a description of the revision.

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	GASTREAT	OP-UA1	44278	Remove emission unit and associated applicable requirements. This emission source is already represented as GASTREAT2.
2	MS-C	NO	GASTREAT2	OP-UA1	44278	Replace requirements for 40 CFR Part 60, Subpart WWW with requirements for 40 CFR Part 62 Subpart OOO.
3	MS-C	NO	GASTREAT2	OP-UA1	<mark>44278</mark>	Revise requirements for 40 CFR Part 63, Subpart AAAA with updated regulatory references.

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Date	:: 02/26/2025	
Pern	nit No.: O-2565	
Regu	ulated Entity No.: RN102495421	
Com	pany Name: TX LFG Energy, LP	
I.	Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application significant revision.)	n that includes a
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required:	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions
NMOC	No changes to permitted conditions. Only a change in regulatory references.

Texas Commission on Environmental Quality Miscellaneous Unit Attributes Form OP-UA1 (Page 1) Federal Operating Permit Program

Date:	02/26/2025
Permit No.:	O-2565
Regulated Entity No.:	RN102495421

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
GASTREAT2	62000-TREAT	CD	11/4/2022			LFG Treatment System
GASTREAT2	63AAAA-TREAT	CD	11/4/2022			LFG Treatment System

Applicable Requirements Summary Form OP-REQ3 (Page 1) Federal Operating Permit Program

Table 1a: Additions

Date: 02/26/2025	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	62000-TREAT	NMOC	Federal Plan OOO	§62.16714(c)(3)
3	GASTREAT2	OP-UA1	63AAAA-TREAT	HAPS	40 CFR 63, Subpart AAAA	§63.1959(b)(2)(iii)(C)

Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

Table 1b: Additions

Date: 02/26/2025	Regulated Entity No.: RN102495421	Permit No.: 0-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	GASTREAT2	62000-TREAT	NMOC	§62.16722(g)	§62.16726(b)(5)	None
3	GASTREAT2	63AAAA-TREAT	HAPS	§63.1959(b)(2)(iii)(D) §63.1961(g), (h)	§63.1961(g), §63.1983(b)(5)	None

Applicable Requirements Summary Form OP-REQ3 (Page 3) Federal Operating Permit Program

Table 2a: Deletions

Date: 02/26/2025	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC		§60.752(b)(2)(iii)(C) & (iv) §60.753(f)

Applicable Requirements Summary Form OP-REQ3 (Page 4) Federal Operating Permit Program

Table 2b: Deletions

Date: 02/26/2025	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC	None	None	None

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1

Texas Commission on Environmental Quality

Date: 02/13/2025	
Permit No.: 0-2565	
Regulated Entity No.: RN102495421	
Company Name: TX LFG Energy, LP	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	∑ YES □ NO
I. Application Type	
Indicate the type of application:	
⊠ Renewal	
Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
Significant Revision	
Revision Requesting Prior Approval	
Administrative Revision	
Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☐ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1 (continued) Texas Commission on Environmental Quality

III.	Major Source Pollutants (Con	plete this section if the	permit revision is due t	o a change at the site or c	hange in regulations	.)
	te all pollutants for which the site <i>k the appropriate box[es].)</i>	is a major source based of	on the site's potential to e	mit:		
	OC NO _X	\square SO ₂	\square PM ₁₀	СО	☐ Pb	□НАР
Other	:					
IV.	Reference Only Requirements	(For reference only)				
Has t	Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					
V.	Delinquent Fees and Penalties					
	Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.					

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 2 Texas Commission on Environmental Quality

Date: 02/13/2025	
Permit No.: 0-2565	
Regulated Entity No.: RN102495421	
Company Name: TX LFG Energy, LP	

Using the table below, provide a description of the revision.

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	GASTREAT	OP-UA1	44278	Remove emission unit and associated applicable requirements. This emission source is already represented as GASTREAT2.
2	MS-C	NO	GASTREAT2	OP-UA1	44278	Replace requirements for 40 CFR Part 60, Subpart WWW with requirements for 40 CFR Part 62 Subpart OOO.

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Date	e: 02/13/2025	
Pern	nit No.: 0-2565	
Regu	ulated Entity No.: RN102495421	
Com	npany Name: TX LFG Energy, LP	
I.	Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application significant revision.)	n that includes a
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required:	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions
NMOC	No changes to permitted conditions. Only a change in regulatory references.

Permit By Rule Supplemental Table (Page 1) Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
02/13/2025	O-2565	RN102495421

Unit ID No.	Registration No.	PBR No.	Registration Date

Permit By Rule Supplemental Table (Page 2) Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
02/13/2025	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date
PROCESSMSS	106.263	<mark>11/01/2001</mark>

Permit By Rule Supplemental Table (Page 3) Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
02/13/2025	O-2565	RN102495421

PBR No.	Version No./Date

Permit By Rule Supplemental Table (Page 4) Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
02/13/2025	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
PROCESSMSS	106.263	11/01/2001	Records kept of routine maintenance, start-up, and shutdown activities and emissions demonstrating compliance with the PBR.

Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 (Page 81)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
02/13/2025	O-2565	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

XI.	KI. Miscellaneous (continued)		
	G.	40 CFR Part 97, Subpart FFFFF - Texas SO ₂ Trading Program	
	1.	The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. If the response to Question XI.G.1 is "No," go to Question XI.G.6.	Yes No
	2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	Yes No
	3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	Yes No
	4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR \S 75.19 for SO ₂ and heat input.	Yes No
	5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	Yes No
	6.	The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	Yes No
	Н.	Permit Shield (SOP Applicants Only)	
	1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	☐ Yes <mark>⊠ No</mark>

Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 Federal Operating Permit Program

Date:	09/09/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

Form OP-REQ1: Page 88			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
♦ I. Permits by Rule (30 TA	♦ I. Permits by Rule (30 TAC Chapter 106) for the Application Area		
A list of selected Permits by Rule (pr FOP application is available in the i	eviously referred to as standard exemptions) that are required to be listed in the nstructions.		
PBR No.: 106.263 (MSS)	Version No./Date: 11/01/2001		
PBR No.: 106,472 (Loading)	Version No./Date: 09/04/2000		
PBR No.: 106.492 (FLARE)	Version No./Date: 09/04/2000		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum			
Permit No.:	Issuance Date:		
Permit No.:	Issuance Date:		
Permit No.:	Issuance Date:		

Permit By Rule Supplemental Table (Page 1) Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
09/09/2024	O-2565	RN102495421

Unit ID No.	Registration No.	PBR No.	Registration Date

Permit By Rule Supplemental Table (Page 2) Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
09/09/2024	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date
PROCESSMSS	106.263	08/19/2019

Permit By Rule Supplemental Table (Page 3) Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
09/09/2024	O-2565	RN102495421

PBR No.	Version No./Date

Permit By Rule Supplemental Table (Page 4) Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number	
09/09/2024	O-2565	RN102495421	

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
PROCESSMSS	106.263	08/19/2019	Records kept of routine maintenance, start-up, and shutdown activities and emissions demonstrating compliance with the PBR.

Major NSR Summary Table

Permit Numbers	s: 44278, PSDTX973, a	nd N032		Is	ssuance Date: August 19, 2019 July 2, 2021		
Emission	Source	Air Contaminant	Emission	Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
		СО	4.95	21.67	5, 8, 9 <u>7, 10, 11</u>	8, 9, 10 <u>, 11, 12</u>	8 <u>10</u>
		NOx	3.60	15.79	5, 8, 9 <u>7, 10, 11</u>	8, 9, 10 <u>, 11, 12</u>	8 <u>10</u>
		VOC	0.12	0.45	5, 9 <u>7, 11</u>	9, 10 11, 12	
		PM	0.45	1.96	5, 9 <u>7, 11</u>	9 11	
TOX	Thermal Oxidizer	PM10	0.45	1.96	5, 9 <u>7, 11</u>	9 11	
10%	Thermal Oxidizer	PM2.5	0.45	1.96	5, 9 <u>7, 11</u>	<u>911</u>	
		SO2	1.29	5.59	5, 9 <u>7, 11</u>	9, 10 11, 12	
		H2S	0.02	0.07	5, 9 <u>7, 11</u>	9 11	
		HAPs	0.08	0.37	5, 9 <u>7, 11</u>	9 11	
		HCL	0.07	0.32	5, 9 <u>7, 11</u>	9 11	
		СО	8.37	36.65	4 <u>6</u>	10 12	
		NOx	4.20	18.37	4 <u>6</u>	10 12	
	Process	VOC	<0.01	0.02	4 <u>6</u>	10 12	
		SO2	0.06	0.23	4 <u>6</u>	<u> 1012</u>	
F-2		H2S	<0.01	<0.01	4 <u>6</u>	10 12	
r-z		СО	17.66	3.22	4 <u>6</u>	10 12	
		NOx	8.85	1.61	4 <u>6</u>	<u> 1012</u>	
	MSS	VOC	2.80	0.52	4 <u>6</u>	10 12	
		SO2	0.06	0.02	4 <u>6</u>	10 12	
		H2S	<0.01	<0.01	4 <u>6</u>	10 12	
	Condensate Storage	VOC	0.92 <u>0.55</u>	0.01		<u>24</u>	
CTK1	Tank 1	HAPs	<0.01 <u>0.08</u>	<0.01			
	I GIIN I	H2S	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers	19, 2019 July 2, 2021						
Emission	Source	Air Contaminant	Emission	Rates	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
Point No. (1)	Name (2)	Name (3)	lbs/hour TPY (4)		Spec. Cond.	Spec. Cond.	Spec. Cond.
	Condonante Stanana	VOC	0.92 <u>0.55</u>	0.01		<u>24</u>	
CTK2	Condensate Storage Tank 2	HAPs	<0.01 <u>0.08</u>	<0.01			
	Tank Z	H2S	<0.01	<0.01			
		VOC	0.01	<0.01		<u>35</u>	
DRUM	Drum Loading	HAPs	<0.01	<0.01			
		H2S	<0.01	<0.01			
		VOC	1.53	0.04		<u>35</u>	
TRUCK	Truck Loading	HAPs	0.22	0.01			
		H2S	<0.01	<0.01			
	Marshrone Clid	VOC	0.78	3.42			
FUG-MEMB	Membrane Skid Fugitives (5)	HAPs	0.11	0.49			
	i agilives (5)	H2S	<0.01	<0.01			

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x total oxides of nitrogen
 - SO₂ sulfur dioxide
 - PM total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 - PM_{2.5} total particulate matter equal to or less than 2.5 microns in diameter
 - H₂S hydrogen sulfide HAPs - hazardous air pollutants CO - carbon monoxide HCI - hydrogen chloride
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations

Steven Piper

From: eNotice TCEQ

Sent: Monday, July 29, 2024 1:31 PM

To: ally.smither@senate.texas.gov; Harold.dutton@house.texas.gov

Subject: TCEQ Notice - Permit Number O2565 **Attachments:** TCEQ Notice - O2565_36928.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic info-policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (http://get.adobe.com/reader) to download the free Adobe Acrobat Reader software.

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 29, 2024

THE HONORABLE MOLLY COOK TEXAS SENATE PO BOX 12068 AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 36928 Permit Number: O2565 TX LFG Energy, LP

Humble Renewable Energy Plant

Humble, Harris County

Regulated Entity Number: RN102495421 Customer Reference Number: CN601281835

Dear Senator Cook:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. 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=-95.24222,29.952222&level=13.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Molly Cook Page 2 July 29, 2024

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director

Air Permits Division

Office of Air

Texas Commission on Environmental Quality

Jon Niermann, *Chairman*Bobby Janecka, *Commissioner*Catarina R. Gonzales, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 29, 2024

THE HONORABLE HAROLD V DUTTON JR TEXAS HOUSE OF REPRESENTATIVES PO BOX 2910 AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application

Project Number: 36928 Permit Number: O2565 TX LFG Energy, LP

Humble Renewable Energy Plant

Humble, Harris County

Regulated Entity Number: RN102495421 Customer Reference Number: CN601281835

Dear Representative Dutton Jr:

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The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

Samuel Short, Deputy Director Air Permits Division Office of Air

Texas Commission on Environmental Quality

Texas Commission on Environmental Quality Miscellaneous Unit Attributes Form OP-UA1 (Page 1) Federal Operating Permit Program

Date:	07/20/2024
Permit No.:	O-2565
Regulated Entity No.:	RN102495421

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
GASTREAT2	62000-TREAT	CD	11/4/2022			LFG Treatment System

Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR Table 1

Date	Permit No.	Regulated Entity No.	
07/20/2024	O-2565	RN102495421	

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	GASTREAT	OP-UA1	LFG Treatment		44248	
	2	GASTREAT2	OP-UA1	LFG Treatment Skid System		44248	

Applicable Requirements Summary Form OP-REQ3 (Page 1) Federal Operating Permit Program

Table 1a: Additions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	62000-TREAT	NMOC	Federal Plan OOO	§62.16714(c)(3)

Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

Table 1b: Additions

Date: 07/20/2024	Regulated Entity No.: RN102495421 Permit No.: O-2565			
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant			

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
2	GASTREAT2	62000-TREAT	NMOC	§62.16722(g)	§62.16722(g) §62.16726(b)(5)		

Applicable Requirements Summary Form OP-REQ3 (Page 3) Federal Operating Permit Program

Table 2a: Deletions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565	
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant		

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC	NSPS WWW	§60.752(b)(2)(iii)(C) & (iv) §60.753(f)

Applicable Requirements Summary Form OP-REQ3 (Page 4) Federal Operating Permit Program

Table 2b: Deletions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565	
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant		

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC	None	None	None	

Texas Commission on Environmental Quality Application Area-Wide Applicability Determinations and General Information Form OP-REQ1 Federal Operating Permit Program

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

• For GOP applications, answer ONLY these questions unless otherwise directed.

Forn	Form OP-REQ1: Page 1							
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter							
	Α.	Visib						
*		1.	The application area includes stationary vents constructed on or before January 31, 1972.	□YES	⊠NO			
•		2.	The application area includes stationary vents constructed after January 31, 1972. If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6. If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.	⊠YES	□NO			
*		3.	The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	YES	□NO			
♦		4.	All stationary vents are addressed on a unit specific basis.	YES	⊠NO			
*		5.	Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	⊠YES	□NO			
♦		6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	⊠YES	□NO			
♦		7.	The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	⊠YES	□NO			
•		8.	Emissions from units in the application area include contributions from uncombined water.	□YES	⊠NO			
*		9.	The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	☐YES	⊠NO □N/A			

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 2					
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)					er
	B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots					
		1.	Items	s a - d determines applicability of any of these requirements based on geographic	phical loc	ation.
♦			a.	The application area is located within the City of El Paso.	YES	⊠NO
*			b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	□YES	⊠NO
*			c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	□YES	⊠NO
•			d.	The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	YES	⊠NO
	If there is any "YES" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all resp to Questions I.B.1.a-d are "NO," go to Section I.C.				responses	
		2.	Items	s a - d determine the specific applicability of these requirements.		
♦			a.	The application area is subject to 30 TAC § 111.143.	□YES	□NO
♦			b.	The application area is subject to 30 TAC § 111.145.	YES	□NO
♦			c.	The application area is subject to 30 TAC § 111.147.	☐YES	□NO
♦			d.	The application area is subject to 30 TAC § 111.149.	☐YES	□NO
	C.	Emi	ssions	Limits on Nonagricultural Processes		
*		1.		application area includes a nonagricultural process subject to 30 TAC 1.151.	⊠YES	□NO
		2.	subje	application area includes a vent from a nonagricultural process that is ect to additional monitoring requirements. The response to Question I.C.2 is "NO," go to Question I.C.4.	YES	⊠NO
		3.		ents from nonagricultural process in the application area are subject to ional monitoring requirements.	□YES	□NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Fori	Form OP-REQ1: Page 3					
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)					
	C.	Emi				
		4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	□YES ⊠NO		
		5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.5 is "NO," go to Question I.C.7.	□YES ⊠NO		
		6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	□YES □NO		
		7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	□YES ⊠NO		
		8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.8 is "NO," go to Section I.D.	□YES ⊠NO		
		9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	□YES □NO		
	D.	Emi	ssions Limits on Agricultural Processes			
		1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	□YES ⊠NO		
	E.	Out	door Burning			
*		1.	Outdoor burning is conducted in the application area. If the response to Question I.E.1 is "NO," go to Section II.	□YES ⊠NO		
*		2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	□YES □NO		
•		3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	□YES □NO		
*		4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	□YES □NO		

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 4				
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)				
	E. Outdoor Burning (continued)				
*		5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	□YES	□NO
*		6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	□YES	□NO
*		7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	□YES	□NO
II.	Title	30 T	AC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
	A. Temporary Fuel Shortage Plan Requirements				
		1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	□YES	⊠NO
III.	Title	30 T	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
	Α.	App	licability		
•		1.	The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.	⊠YES	□NO
	B.	Stor	age of Volatile Organic Compounds	'	
•		1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	⊠YES	□NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 5					
III.	Title	Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds				
	C.	Indu				
		1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.	YES	⊠NO □N/A	
		2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.	☐YES	□NO	
		3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). If the response to Question III.C.3 is "YES," go to Section III.D.	☐YES	□NO	
		4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). If the response to Question III.C.4 is "YES," go to Section III.D.	☐YES	□NO	
		5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	□YES	□NO	
		6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	□YES	□NO	
		7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	□YES	□NO	
	D.	Load	ling and Unloading of VOCs			
♦		1.	The application area includes VOC loading operations.	⊠YES	□NO	
*		2.	The application area includes VOC transport vessel unloading operations. For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.	□YES	⊠NO	

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Forn	n OP-I	REQ1.	: Page 6		
III.	Title	30 T A	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)
	D.	Load	ling and Unloading of VOCs (continued)		
*		3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	☐YES	⊠NO
	E.	Fillin	ng of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Fac	cilities	
•		1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. If the response to Question III.E.1 is "NO," go to Section III.F.	□YES	⊠NO
*		2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	☐YES	□NO
•		3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.	☐YES	□NO
*		4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. If the response to Question III.E.4 is "NO," go to Question III.E.9.	☐YES	□NO
•		5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	□YES	□NO
*		6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐YES	□NO
•		7.	At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. If the response to Question III.E.7 is "YES," go to Section III.F.	☐YES	□NO

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Forn	Form OP-REQ1: Page 7						
III.	Title	30 TA	30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)				
	E.	Fillir	ilities (co	ntinued)			
*		8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. If the response to Question III.E.8 is "YES," go to Section III.F.	□YES	□NO		
*		9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	_YES	□NO		
*		10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	□YES	□NO		
*		11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	☐YES	□NO		
•		12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	□YES	□NO		
	F.	Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)					
♦		1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	YES	□NO □N/A		

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Forn	Form OP-REQ1: Page 8						
III.	Title	30 TA	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	ed)		
	F.		trol of VOC Leaks from Transport Vessels (Complete this section for GOP app 512, 513 and 514 only) (continued)	plications	for GOPs		
*		2.	Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	YES	□NO □N/A		
•		3.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	□YES	□NO □N/A		
	G.	Cont	trol of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing	g Facilitie	es		
•		1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.	☐YES	⊠NO □N/A		
•		2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	□YES	□NO		
*		3.	The application area includes facilities that began construction prior to November 15, 1992. If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.	YES	□NO		
•		4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	□YES	□NO		
*		5.	The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	☐YES	□NO □N/A		

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Forn	Form OP-REQ1: Page 9					
III.	Title	30 TA	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)	
	н.	Cont	rol Of Reid Vapor Pressure (RVP) of Gasoline			
*		1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.	YES	□NO 図N/A	
			If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.			
*		2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	☐YES	□NO	
♦		3.	The application area includes a motor vehicle fuel dispensing facility.	□YES	□NO	
*		4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	YES	□NO	
	I.	Proc	ess Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	S		
		1.	The application area is located at a petroleum refinery.	YES	⊠NO	
	J.	Surface Coating Processes (Complete this section for GOP applications only.)				
*		1.	Surface coating operations (other than those performed on equipment located on- site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	YES	□NO □N/A	

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Forn	Form OP-REQ1: Page 10					
III.	Title	le 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)				
	K.	Cutb	ack Asphalt			
		1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. If the response to Question III.K.1 is "N/A," go to Section III.L.	☐YES	⊠NO □N/A	
		2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	YES	⊠NO □N/A	
		3.	Asphalt emulsion is used or produced within the application area.	□YES	\boxtimes NO	
		4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. If the response to Question III.K.4 is "NO," go to Section III.L.	□YES	⊠NO	
		5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	☐YES	□NO	
		6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐YES	□NO	
		7.	The applicant using cutback asphalt is a state, municipal, or county agency.	□YES	□NO	
	L.	Dega	ssing of Storage Tanks, Transport Vessels and Marine Vessels			
•		1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.	□YES	⊠NO □N/A	
*		2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. If the response to Question III.L.2 is "YES," go to Section III.M.	□YES	□NO □N/A	

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Forn	Form OP-REQ1: Page 11						
III.	Title	Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)					
	L.	Dega	ssing of Storage Tanks, Transport Vessels and Marine Vessels (continued)				
*		3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	_YES	□NO □N/A		
*		4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	□YES	□NO □N/A		
•		5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	□YES	□NO		
*		6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐YES	□NO □N/A		
*		7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC \S 115.547(5) is performed in the application area.	□YES	□NO □N/A		
	M. Petroleum Dry Cleaning Systems						
		1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	YES	⊠NO □N/A		

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Form	Form OP-REQ1: Page 12					
III.	Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)					
	N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)					
		1.	The application area includes one or more vent gas streams containing HRVOC.	YES	⊠NO □N/A	
		2.	The application area includes one or more flares that emit or have the potential to emit HRVOC.	YES	⊠NO □N/A	
			If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.			
		3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	☐YES	□NO	
		4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. If the responses to Questions III.N.3 and III.N.4 are both "NO," go to	□YES	□NO	
			Section III.O.			
		5.	The application area contains pressure relief valves that are not controlled by a flare.	☐YES	∐NO	
		6.	The application area has at least one vent stream which has no potential to emit HRVOC.	☐YES	□NO	
		7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐YES	□NO	
	0.	Cooli	ing Tower Heat Exchange Systems (HRVOC)			
		1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	YES	⊠NO □N/A	

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Form	Form OP-REQ1: Page 13					
IV.	Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds					
	A.	Appl	icability			
•		1.	The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.	⊠YES	□NO	
		2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. If the response to Question IV.A.2 is "YES," go to Question IV.H.1.	☐YES	⊠NO	
		3.	The application area includes a utility electric generator in an east or central Texas county. See instructions for a list of counties included. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.	□YES	⊠NO	
	В.	Utilit	y Electric Generation in Ozone Nonattainment Areas			
		1.	The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. If the response to Question IV.B.1 is "NO," go to Question IV.C.1.	YES	⊠NO	
		2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	□YES	□NO	

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Forn	Form OP-REQ1: Page 14					
IV.	Title	30 T	AC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continu	ied)		
	C.	Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas				
*		1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.	□YES	⊠NO	
*		2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	□YES	□NO □N/A	
*		3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	□YES	□NO	
	D.	Adij	pic Acid Manufacturing			
		1.	The application area is located at, or part of, an adipic acid production unit.	□YES	⊠NO □N/A	
	Ε.	Nitr	ic Acid Manufacturing - Ozone Nonattainment Areas			
		1.	The application area is located at, or part of, a nitric acid production unit.	□YES	⊠NO □N/A	
	F.		nbustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Prionary Engines and Gas Turbines	cocess He	aters,	
*		1.	The application area is located at a site that is a minor source of NO _X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.	☐YES	⊠NO	
*		2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	□YES	□NO	
*		3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	□YES	□NO	

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Forn	Form OP-REQ1: Page 15				
IV.	Title	e 30 T.	AC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continu	ied)	
	F.	F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)			
*		4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	□YES □NO	
*		5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	□YES □NO	
		6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. If the response to Question IV.F.6 is "NO," go to Section IV.G.	□YES □NO	
		7.	An ACSS for carbon monoxide (CO) has been approved?	□YES □NO	
	8. An ACSS for ammonia (NH ₃) has been approved?		□YES □NO		
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.				
	G.	Utili	ty Electric Generation in East and Central Texas		
		1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. If the response to Question IV.G.1 is "NO," go to Question IV.H.1.	□YES ⊠NO	
		2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	□YES □NO	
	Н.	Mul	ti-Region Combustion Control - Water Heaters, Small Boilers, and Process He	aters	
		1.	The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. If the response to question IV.H.1 is "NO," go to Section V.	□YES ⊠NO	
		2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	□YES □NO	

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Forn	Form OP-REQ1: Page 16				
V.			ode of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organ Standards for Consumer and Commercial Products	ic Compo	ound
	A.	Subp Coat	bile Refi	nish	
		1.	The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐YES	⊠NO
		2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.	☐YES	⊠NO
		3.	All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	□YES	□NO
	В.	3. Subpart C - National Volatile Organic Compound Emission Standards for Consum		ner Produ	icts
		1.	The application area manufactures consumer products for sale or distribution in the United States.	□YES	⊠NO
		2.	The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	☐YES	⊠NO
		3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.	☐YES	⊠NO
		4.	All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	□YES	□NO

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Forn	Form OP-REQ1: Page 17					
V.		Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)				
	C.	Subj	part D - National Volatile Organic Compound Emission Standards for Archite	ctural Co	atings	
		1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	□YES	⊠NO	
		2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	□YES	⊠NO	
		3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	□YES	□NO	
	D.	Subj	part E - National Volatile Organic Compound Emission Standards for Aerosol	Coatings	1	
		1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	□YES	⊠NO	
		2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	□YES	⊠NO	
	E.	Subj	part F - Control of Evaporative Emissions From New and In-Use Portable Fuel	l Contain	ers	
		1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. If the response to Question V.E.1 is "NO," go to Section VI.	_YES	⊠NO	
		2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	□YES	□NO	
VI.	Title	40 C	ode of Federal Regulations Part 60 - New Source Performance Standards			
	A.	App	licability			
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. If the response to Question VI.A.1 is "NO," go to Section VII.	⊠YES	□NO	

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Forn	Form OP-REQ1: Page 18					
VI.	Title	e 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)				
	В.	Subp	S			
		1.	The application area is located at a coal preparation and processing plant. If the response to Question VI.B.1 is "NO," go to Section VI.C.	□YES	□NO	
		2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). If the response to Question VI.B.2 is "NO," go to Section VI.C.	YES	□NO	
		3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. If the response to Question VI.B.3 is "YES," go to Section VI.C.	□YES	□NO	
		4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. If the response to Question VI.B.4 is "NO," go to Section VI.C.	□YES	□NO	
		5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	□YES	□NO	
	C.	Subp	oart GG - Standards of Performance for Stationary Gas Turbines (GOP applic	eants only	·)	
•		1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.	□YES	□NO □N/A	
*		2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. If the response to Question VI.C.2 is "NO," go to Section VI.D.	□YES	□NO	
*		3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	☐YES	□NO	
*		4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	□YES	□NO	

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Forn	Form OP-REQ1: Page 19				
VI.	Title	40 Cc	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)	
	C.	_	Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)		
*		5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	YES [□NO
	D.	Subp	part XX - Standards of Performance for Bulk Gasoline Terminals		
		1.	The application area includes bulk gasoline terminal loading racks. If the response to Question VI.D.1 is "NO," go to Section VI.E.	□YES □	□NO □N/A
		2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	□YES □	□NO
	Е.	_	oart LLL - Standards of Performance for Onshore Natural Gas Processing: Sussions	lfur Dioxid	le (SO ₂)
•		1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.	□YES □	□NO
•		2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.	□YES [NO
*		3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.	□YES [□NO

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Forn	Form OP-REQ1: Page 20						
VI.	Title	e 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)					
	Е.		Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO ₂) Emissions (continued)				
•		4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.	☐YES	□NO		
*		5.	Please provide the Unit ID(s) for the gas sweetening unit(s) that have established operating limits in the space provided below.	federally 6	enforceable		
	F.	Subj	part OOO - Standards of Performance for Nonmetallic Mineral Processing Pla	nts			
		1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. If the response to Question VI.F.1 is "NO," go to Section VI.G.	☐YES	□NO		
		2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	□YES	□NO		
	G.	Subj Syste	part QQQ - Standards of Performance for VOC Emissions from Petroleum Reems	finery Wa	astewater		
		1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. If the response to Question VI.G.1 is "NO," go to Section VI.H.	☐YES	□NO		
		2.	The application area includes storm water sewer systems.	□YES	□NO		

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Forn	Form OP-REQ1: Page 21						
VI.	Title	40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)					
	G.		Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)				
		3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	YES	□NO		
		4.	The application area includes non-contact cooling water systems.	□YES	□NO		
		5.	The application area includes individual drain systems. If the response to Question VI.G.5 is "NO," go to Section VI.H.	□YES	□NO		
		6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	□YES	□NO		
		7.	The application area includes completely closed drain systems.	YES	□NO		
	Н.	Cons	part AAAA - Standards of Performance for Small Municipal Waste Incineration truction Commenced After August 30, 1999 or for Which Modification or Recomenced on or After June 6, 2004				
•		1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.	□YES	□NO □N/A		
*		2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	□YES	□NO		
*		3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	□YES	□NO		
♦		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.H.4 is "NO," go to Section VI.I.	□YES	□NO		

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Forn	Form OP-REQ1: Page 22				
VI.	Title	40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)			
	Н.	Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)			
*		5.	The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	□YES	□NO
*		6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐YES	□NO
*		7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	YES	□NO
*		8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐YES	□NO
	I.	Unit	part CCCC - Standards of Performance for Commercial and Industrial Solid Versions of Standards of Performance of Commercial and Industrial Solid Version Standards of Performance of Commercial and Industrial Solid Version Standards of Performance of Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance for Commercial and Industrial Solid Version Standards of Performance of After November 30, 1999 or for Which Construction Commercial and Industrial Solid Version Standards of Performance of After November 30, 1999 or for Which Construction Commercial After June 1, 2001		
*		1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.	□YES	□NO □N/A
•		2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	□YES	□NO

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Forn	Form OP-REQ1: Page 23				
VI.	Title	e 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)			
	I.	I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)			
*		3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	YES	□NO
♦		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.I.4 is "NO," go to Section VI.J.	☐YES	□NO
*		5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	YES	□NO
*		6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES	□NO
*		7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	□YES	□NO
*		8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	YES	□NO

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Forn	Form OP-REQ1: Page 24					
VI.	Title	40 Cc	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)		
	J.	Cons	oart EEEE - Standards of Performance for Other Solid Waste Incineration Unstruction Commenced After December 9, 2004 or for Which Modification or Rumenced on or After June 16, 2006			
*		1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.	□YES	□NO □N/A	
*		2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	☐YES	□NO	
*		3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	YES	□NO	
•		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.J.4 is "NO," go to Section VI.K.	□YES	□NO	
*		5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. If the response to Question VI.J.5 is "NO," go to Question VI.J.7.	□YES	□NO	
*		6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES	□NO	
*		7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	YES	□NO	

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Form	Form OP-REQ1: Page 25					
VI.	Title	40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)				
	J.	Cons	Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)			
*		8.	All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	□YES □NO		
*		9.	The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	□YES □NO		
*		10.	The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	□YES □NO		
	K.		oart OOOO - Standards of Performance for Crude Oil and Natural Gas Produ esmission and Distribution	ection,		
♦		1.	The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	□YES □NO		
VII.	Title	40 Ca	ode of Federal Regulations Part 61 - National Emission Standards for Hazardo	ous Air Pollutants		
	A.	Appl	licability			
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.	□YES ⊠NO □N/A		
	В.	Subp	oart F - National Emission Standard for Vinyl Chloride			
		1.	The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	□YES □NO		
	C.	Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)				
*		1.	The application area includes equipment in benzene service.	□YES □NO □N/A		

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Forn	Form OP-REQ1: Page 26					
VII.		itle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants continued)				
	D.	Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants				
		1.	The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). If the response to Question VII.D.1 is "NO," go to Section VII.E.	□YES □	NO	
		2.	The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	YES []NO	
		3.	The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	YES [□NO	
	E.	Subj	part M - National Emission Standard for Asbestos			
		Appl	licability			
		1.	The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. If the response to Question VII.E.1 is "NO," go to Section VII.F.	□YES □	NO	
		Road	lway Construction			
		2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	YES [NO	
		Man	ufacturing Commercial Asbestos			
		3.	The application area includes a manufacturing operation using commercial asbestos. If the response to Question VII.E.3 is "NO," go to Question VII.E.4.	YES [NO	
			Visible emissions are discharged to outside air from the manufacturing operation	YES []NO	
			b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	_YES _	NO	

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Form	Form OP-REQ1: Page 27					
VII.	I. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)					
	E.	Subp	art M	- National Emission Standard for Asbestos (continued)		
		Man	ufactu	ring Commercial Asbestos (continued)		
			c.	Asbestos-containing waste material is processed into non-friable forms.	□YES	□NO
			d.	Asbestos-containing waste material is adequately wetted.	☐YES	□NO
			e.	Alternative filtering equipment is being used that has received EPA approval.	☐YES	□NO
			f.	A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	☐YES	□NO
			g.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	□YES	□NO
		Asbe	stos S _I	pray Application		
		4.	are sp	application area includes operations in which asbestos-containing materials bray applied. response to Question VII.E.4 is "NO," go to Question VII.E.5.	□YES	□NO
			a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. response to Question VII.E.4.a is "YES," go to Question VII.E.5.	☐YES	□NO
			b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	□YES	□NO
			c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐YES	□NO

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Form	Form OP-REQ1: Page 28						
VII.	Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)						
	Е.	. Subpart M - National Emission Standard for Asbestos (continued)					
		Asbesto	os Spray Application (continued)				
		d	. Asbestos-containing waste material is processed into non-friable forms.	□YES □NO			
		e.	. Asbestos-containing waste material is adequately wetted.	□YES □NO			
		f.	Alternative filtering equipment is being used that has received EPA approval.	□YES □NO			
		g	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	□YES □NO			
		h	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	□YES □NO			
		Fabrica	ating Commercial Asbestos				
			The application area includes a fabricating operation using commercial asbestos. If the response to Question VII.E.5 is "NO," go to Question VII.E.6.	□YES □NO			
		a	. Visible emissions are discharged to outside air from the manufacturing operation.	□YES □NO			
		b	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	□YES □NO			
		c.	. Asbestos-containing waste material is processed into non-friable forms.	□YES □NO			
		d	. Asbestos-containing waste material is adequately wetted.	YES NO			
		e.	. Alternative filtering equipment is being used that has received EPA approval.	□YES □NO			

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Form	Form OP-REQ1: Page 29					
VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants tinued)				
	E.	Subpa	art M - National Emission Standard for Asbestos (continued)			
		Fabri	cating Commercial Asbestos (continued)			
			f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES	□NO	
			g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES	□NO	
		Non-s	prayed Asbestos Insulation			
			The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	□YES	□NO	
		Asbesi	tos Conversion	•		
			The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	□YES	□NO	
	F.		art P - National Emission Standard for Inorganic Arsenic Emissions from Arselic Arsenic Production Facilities	senic Trio	xide and	
			The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	□YES	□NO	
	G.	Subpa	art BB - National Emission Standard for Benzene Emissions from Benzene Ti	ransfer O _l	perations	
			The application area is located at a benzene production facility and/or bulk terminal. If the response to Question VII.G.1 is "NO," go to Section VII.H.	☐YES	□NO	
			The application area includes benzene transfer operations at marine vessel loading racks.	□YES	□NO	

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Form	Form OP-REQ1: Page 30					
VII.		itle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants ontinued)				
	G.	Subp (cont	ransfer Operations			
		3.	The application area includes benzene transfer operations at railcar loading racks.	□YES □NO		
		4.	The application area includes benzene transfer operations at tank-truck loading racks.	□YES □NO		
	H.	Subp	part FF - National Emission Standard for Benzene Waste Operations			
		Appl	icability			
		1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	□YES □NO		
		2.	The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.	□YES □NO		
		3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. If the response to Question VII.H.3 is "YES," go to Section VIII.	□YES □NO		
		4.	The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). If the response to Question VII.H.4 is "YES," go to Section VIII	□YES □NO		
		5.	The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. If the response to Question VII.H.5 is "YES," go to Section VIII.	□YES □NO		

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Form	Form OP-REQ1: Page 31					
VII.		40 Co	ode of Federal Regulations Part 61 - National Emission Standards for Hazardo	ous Air Po	llutants	
	H.	Subp	oart FF - National Emission Standard for Benzene Waste Operations (continue	ed)		
		Apple	icability (continued)			
		6.	The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	□YES	□NO	
		7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	□YES	□NO	
		Wast	e Stream Exemptions			
		8.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	YES	□NO	
		9.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	□YES	□NO	
		10.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	☐YES	□NO	
		11.	The application area transfers waste off-site for treatment by another facility.	YES	□NO	
		12.	The application area is complying with 40 CFR § 61.342(d).	☐YES	□NO	
		13.	The application area is complying with 40 CFR § 61.342(e). If the response to Question VII.H.13 is "NO," go to Question VII.H.15.	YES	□NO	
		14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐YES	□NO	

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Form	ı OP-I	Form OP-REQ1: Page 32			
VII.	II. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)				
	H.	Subpart FF - National Emission Standard for Benzene Waste Operations (continued)			
		Cont	ainer Requirements		
		15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.	YES	□NO
			If the response to Question VII.H.15 is "NO," go to Question VII.H.18.		
		16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.	YES	□NO
			If the response to Question VII.H.16 is "YES," go to Question VII.H.18.		
		17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	YES	□NO
		Indiv	vidual Drain Systems		
		18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. If the response to Question VII.H.18 is "NO," go to Question VII.H.25.	□YES	□NO
		19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VII.H.19 is "YES," go to Question VII.H.25.	□YES	□NO
		20.	The application area has individual drain systems complying with 40 CFR § 61.346(a).	YES	□NO
			If the response to Question VII.H.20 is "NO," go to Question VII.H.22.		
		21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES	□NO

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Form	ı OP-I	REQ1.	: Page 33			
VII.	1. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)					
	H.	. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)				
		Indiv	vidual Drain Systems (continued)			
		22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VII H 22 is "NO" go to Question VII H 25	YES	□NO	
If the response to Question VII.H.22 is "NO," go to Question VII.H.25. 23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.				□YES	□NO	
		24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES	□NO	
	Remediation Activities					
		25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	YES	□NO	
VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories	us Air Po	llutants	
	A.	Appl	licability			
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.	⊠YES	□NO	
			See instructions for 40 CFR Part 63 subparts made applicable only by reference.			
	В.	. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry				
		1.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). If the response to Question VIII.B.1 is "NO," go to Section VIII.D.	□YES	⊠NO	

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Form OP-I	Form OP-REQ1: Page 34			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
В.	3. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)			
	2.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). If the response to Question VIII.B.2 is "NO," go to Section VIII.D.	□YES	□NO
	3.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	□YES	□NO
	4.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	□YES	□NO
	5.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	□YES	□NO

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Form OP-	Form OP-REQ1: Page 35				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
C.	Org	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater			
	Appl	licability			
	1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. If the response to Question VIII.C.1 is "NO," go to Section VIII.D.	□YES	□NO	
	2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	□YES	□NO	
	3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.	☐YES	□NO	
	4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	□YES	□NO	
	5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.	□YES	□NO	
	Vapor Collection and Closed Vent Systems				
	6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	□YES	□NO	
	7.	Bypass lines in the application area are secured in the closed position with a carseal or a lock-and-key type configuration.	□YES	□NO	

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Form OP-1	Form OP-REQ1: Page 36			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)			
	Relo	ading or Cleaning of Railcars, Tank Trucks, or Barges		
	8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.	□YES □NO	
	9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	□YES □NO	
	10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	□YES □NO	
	Tran	sfer Racks		
	11.	The application area includes Group 1 transfer racks that load organic HAPs.	□YES □NO	
	Proc	ess Wastewater Streams		
	12.	The application area includes process wastewater streams. If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.	□YES □NO	
	13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.	□YES □NO	
	14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	□YES □NO	
	15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.	□YES □NO	

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Form OP-REQ1: Page 37				
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)			
	Proc	ess Wastewater Streams (continued)		
	16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	□YES □NO	
	17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.	□YES □NO	
	18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	□YES □NO	
	19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	□YES □NO	
	20.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	□YES □NO	
	21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	□YES □NO	
	22.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	□YES □NO	
	23.	The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	□YES □NO	

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VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	llutants
	С.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer and Wastewater (continued)			
		Proc	ess Wastewater Streams (continued)		
		24.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.	□YES	□NO
		25.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	□YES	□NO
		26.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	□YES	□NO
		27.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	□YES	□NO
		28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.	□YES	□NO
		29.	The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO
		30.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	□YES	□NO

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Form OP-1	Form OP-REQ1: Page 39			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)			
	Drain	ns		
	31.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.	□YES	□NO
	32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO
	33.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	YES	□NO
	34.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.	□YES	□NO
	35.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.	☐YES	□NO
	36.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	□YES	□NO

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Form	Form OP-REQ1: Page 40				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	C.	Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)			
		Drai	ns (continued)		
		37.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	□YES [NO
		38.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	□YES [□NO
		Gas	Streams		
		39.	The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	□YES [□NO
		40.	The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	□YES [□NO
	D.	Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks			
		1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	YES [⊠NO

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Form OP-	REQI	l: Page 41			
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo e Categories (continued)	ous Air Po	ollutants	
E.	. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities				
	1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. If the response to Question VIII.E.1 is "NO," go to Section VIII.F.	YES	⊠NO	
	2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. If the response to Question VIII.E.2 is "NO," go to Section VIII.F.	□YES	□NO	
	3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	□YES	□NO	
	4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	□YES	□NO	
F.	Sub	part Q - National Emission Standards for Industrial Process Cooling Towers			
	1.	The application area includes industrial process cooling towers. If the response to Question VIII.F.1 is "NO," go to Section VIII.G.	□YES	⊠NO	
	2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	□YES	□NO	
G.		part R - National Emission Standards for Gasoline Distribution Facilities (Bulkminals and Pipeline Breakout Stations)	k Gasolin	e	
	1.	The application area includes a bulk gasoline terminal.	YES	⊠NO	
	2.	The application area includes a pipeline breakout station. If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.	□YES	⊠NO	
	3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.	□YES	□NO	

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Form OP-I	Form OP-REQ1: Page 42			
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pollutants	
G.	Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)			
	4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.	□YES □NO	
	5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.	□YES □NO	
	6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.	□YES □NO	
	7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). If the response to Question VIII.G.7 is "YES," go to Section VIII.H.	□YES □NO	
	8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 \leq ET or EP $<$ 1.0). If the response to Question VIII.G.8 is "YES," go to Section VIII.H.	□YES □NO	
	9.	Emissions screening factor greater than or equal to 1.0 (ET or EP \geq 1.0). If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.	□YES □NO	
	10.	The site at which the application area is located is a major source of HAP. If the response to Question VIII.G.10 is "NO," go to Section VIII.H.	□YES □NO	
	11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	□YES □NO	

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Form OP-REQ1: Page 43					
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants	
Н.	_	Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry			
	1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.	□YES	⊠NO	
		If the response to Question VIII.H.1 is "NO," go to Section VIII.I.			
	2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).	□YES	□NO	
		If the response to Question VIII.H.2 is "NO," go to Section VIII.I.			
	3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.	□YES	□NO	
		If the response to Question VIII.H.3 is "NO," go to Section VIII.I.			
	4.	The application area includes one or more kraft pulping systems that are existing sources.	☐YES	□NO	
	5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	□YES	□NO	
	6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. If the response to Question VIII.H.6 is "NO," go to Section VIII.I.	☐YES	□NO	
	7.				
	7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐YES	∐NO	
	8.	The application area includes bleaching systems that are complying with 40 CFR \S 63.440(d)(3)(ii).	□YES	□NO	

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Form	Form OP-REQ1: Page 44					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	I.					
		1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	□YES	⊠NO	
		2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	□YES	⊠NO	
		3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	□YES	⊠NO	
	J.	_	part U - National Emission Standards for Hazardous Air Pollutant Emissions: Resins	Group 1	Polymers	
		1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. If the response to Question VIII.J.1 is "NO," go to Section VIII.K.	□YES	⊠NO	
		2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. If the response to Question VIII.J.2 is "NO," go to Section VIII.K.	□YES	□NO	
		3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	☐YES	□NO	
		4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	□YES	□NO	

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Form OP-REQ1: Page 45					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
J.	J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: and Resins (continued)				
	5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.	YES	□NO	
	6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.	□YES	□NO	
	7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES	□NO	
	8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO	
	9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.	□YES	□NO	
	10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES	□NO	

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VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	J.	Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)				
		Conte	ainers			
		11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES	□NO	
		Drain	ns			
		12.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.	□YES	□NO	
		13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO	
		14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	YES	□NO	
		15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. If the response to Question VIII.J.15 is "NO," go to Section VIII.K.	☐YES	□NO	
		16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	☐YES	□NO	

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Form OP-	Form OP-REQ1: Page 47				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
J.	Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group and Resins (continued)				
	Drai	ns (continued)			
	17.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	☐YES	□NO	
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES	□NO	
	19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐YES	□NO	
K.		oart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Non-nylon Polyamides Production	Resins P	roduction	
	1.	The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.	YES	⊠NO □N/A	
	2.	The application area includes a BLR and/or WSR research and development facility.	☐YES	□NO	

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VIII.	Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	L.	Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting				
		1.	The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.	☐YES	⊠NO □N/A	
		2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	□YES	□NO	
	M.	Subj	part Y - National Emission Standards for Marine Tank Vessel Loading Operat	ions		
		1.	The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	☐YES	⊠NO	
	N.	Subj	part CC - National Emission Standards for Hazardous Air Pollutants from Pet	roleum R	efineries	
		Appl	licability			
		1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). If the response to Question VIII.N.1 is "NO," go to Section VIII.O.	□YES	⊠NO	
		2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). If the response to Question VIII.N.2 is "YES," go to Section VIII.O.	☐YES	□NO	

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Form	Form OP-REQ1: Page 49				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petr (continued)				efineries
		Appli	icability (continued)		
		3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). If the response to Question VIII.N.3 is "NO," go to Section VIII.O.	□YES	□NO
		4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.	□YES	□NO
			If the response to Question VIII.N.4 is "NO," go to Section VIII.O.		
		5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	YES	□NO
		6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐YES	□NO
		7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. If the response to Question VIII.N.7 is "NO," go to Section VIII.O.	☐YES	□NO
		8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	□YES	□NO

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Form OP-	Form OP-REQ1: Page 50					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
N.		Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)				
	Appl	icability (continued)				
	9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). If the response to Question VIII.N.9 is "NO," go to Section VIII.O.	□YES	□NO		
	10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	□YES	□NO		
	Cont	tainers, Drains, and other Appurtenances				
	11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	□YES	□NO		
	12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	YES	□NO		
0.	Subp	part DD - National Emission Standards for Off-site Waste and Recovery Opera	ations			
	1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P	YES	⊠NO □N/A		
	2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	□YES	□NO		
	3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	□YES	□NO		

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Form OP-	REQ1	: Page 51				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
0.	O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operat			tions (continued)		
	4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).		□YES	□NO		
	5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	☐YES	□NO		
	6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	□YES	□NO		
	7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	□YES	□NO		
	8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	YES	□NO		
	9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	□YES	□NO		
	10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. If the response to Question VIII.O.10 is "YES," go to Section VIII.P.	□YES	□NO		

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Form OP-REQ1: Page 52					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
0.	Subp	oart DD - National Emission Standards for Off-site Waste and Recovery Opera	ations (co	ntinued)	
	11.	The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.	□YES	□NO	
	12.	VOHAP concentration is determined by direct measurement.	□YES	□NO	
	13.	VOHAP concentration is based on knowledge of the off-site material.	□YES	□NO	
	14.	The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.	□YES	□NO	
	15.	An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐YES	□NO	
	16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	□YES	□NO	
	17.	The application area includes containers that manage non-exempt off-site material.	☐YES	□NO	
	18.	The application area includes individual drain systems that manage non-exempt off-site materials.	□YES	□NO	

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Form	Form OP-REQ1: Page 53					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	P.	Subp	part $\mathbf{G}\mathbf{G}$ - National Emission Standards for Aerospace Manufacturing and Rev	vork Faci	lities	
		1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.	□YES	⊠NO □N/A	
		2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	□YES	□NO	
	Q.		oart HH - National Emission Standards for Hazardous Air Pollutants From Oi luction Facilities.	l and Nat	tural Gas	
*		1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐YES	⊠NO	
•		2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.	□YES	⊠NO	
*		3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.	□YES	□NO	
*		4.	The application area is located at a site that is a major source of HAP. If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.	□YES	□NO	

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Form	Form OP-REQ1: Page 54				
VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
	Q.		oart - HH - National Emission Standards for Hazardous Air Pollutants From (uction Facilities (continued)	Oil and N	atural Gas
*		5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.	□YES	□NO
*		6.	The application area includes a triethylene glycol (TEG) dehydration unit. For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.	□YES	□NO
*		7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	□YES	□NO
*		8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	□YES	□NO
*		9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐YES	□NO

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Form	Form OP-REQ1: Page 55					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	R.	Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)				
		1.	The application area includes shipbuilding or ship repair operations. If the response to Question VIII.R.1 is "NO," go to Section VIII.S.	□YES	⊠NO	
		2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	□YES	□NO	
	S.	Subp	oart JJ - National Emission Standards for Wood Furniture Manufacturing Op	erations		
		1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.	□YES	⊠NO □N/A	
		2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐YES	□NO	
	T.	Subp	part KK - National Emission Standards for the Printing and Publishing Indust	ry		
		1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	□YES	⊠NO □N/A	
	U.	Subp	oart PP - National Emission Standards for Containers			
		1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. If the response to Question VIII.U.1 is "NO," go to Section VIII.V.	□YES	⊠NO	
		2.	The application area includes containers using Container Level 1 controls.	☐YES	□NO	
		3.	The application area includes containers using Container Level 2 controls.	□YES	□NO	

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Form O	P-R	EQ1:	Page 56		
			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
U	ī.	Subp	part PP - National Emission Standards for Containers (continued)		
		4.	The application area includes containers using Container Level 3 controls.	YES	□NO
V	·	Subp	part RR - National Emission Standards for Individual Drain Systems		
		1.	The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	YES	⊠NO
W		_	oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards	ce Catego	ries -
		1.	The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	□YES	⊠NO
		2.	The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.	YES	⊠NO
		3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐YES	□NO
		4.	The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	□YES	□NO
		5.	All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	□YES	□NO
		6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.	□YES	□NO

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Form OP-REQ1: Page 57				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.	_	oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Catego	ries -
	7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	YES	□NO
	8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO
	9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.	□YES	□NO
	10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO
	11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	YES	□NO
	12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.	YES	□NO
	13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	□YES	□NO
	14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	□YES	□NO

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Form	Form OP-REQ1: Page 58				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)				
		15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.	□YES	□NO
		16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	□YES	□NO
		17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐YES	□NO
		18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES	□NO

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Form	Form OP-REQ1: Page 59				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	W.		part YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Catego	ries -
		19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐YES	□NO
		20.	The application area includes an ethylene production process unit.	□YES	⊠NO □N/A
		21.	The application area includes waste streams generated from an ethylene production process unit. If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.	□YES	⊠NO □N/A
		22.	The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.	☐YES	□NO
		23.	Waste stream(s) are transferred off-site for treatment. If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.	□YES	□NO
		24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.	□YES	□NO

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Form OP-REQ1: Page 60				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.		oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categori	es -
	25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	YES [□NO
	26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.	□YES [□NO
	27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.	□YES □	□NO
	28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.	YES [□NO
	29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	□YES □	NO
	30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.	□YES □	NO
	31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	YES [□NO

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Forn	Form OP-REQ1: Page 61				
VIII	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)				
		32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. If the response to Question VIII.W.32 is required, go to Question VIII.W.43.	☐YES	□NO
		33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.	☐YES	□NO
		34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.	□YES	□NO
		35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	YES	□NO
		36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.	□YES	□NO
		37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.	□YES	□NO

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Form OP-1	REQ1:	Page 62	
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pollutants
W.		eart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categories -
	38.	The application area has individual drain systems complying with 40 CFR § 61.346(a). If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.	□YES □NO
	39.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES □NO
	40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.	□YES □NO
	41.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	□YES □NO
	42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES □NO
	43.	The application area has at least one waste stream that contains benzene. If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.	□YES □NO
	44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.	□YES □NO
	45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.	□YES □NO

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		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pol	lutants
W.	_	part YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categor	ies -
	46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	□YES	□NO
	47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.	□YES	□NO
	48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.	□YES	□NO
	49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.	□YES	NO
	50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES	NO
	51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.	□YES	□NO
	52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	□YES	NO

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Form	OP-I	REQ1:	Page 64	
			de of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pollutants
	w.		eart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categories -
		53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES □NO
		54.	The application area contains a cyanide chemicals manufacturing process. If the response to Question VIII.W.54 is "NO," go to Section VIII.X.	□YES ⊠NO
		55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	□YES □NO
	Χ.	_	art JJJ - National Emission Standards for Hazardous Air Pollutant Emissions ners and Resins	s: Group IV
		1.	The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.	□YES ⊠NO
		2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.	□YES □NO
		3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.	□YES □NO
		4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.	□YES □NO

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Form OP-F	REQ1:	Page 65		
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	llutants
X.		part JJJ - National Emission Standards for Hazardous Air Pollutant Emissions mers and Resins (continued)	s: Group l	IV
	5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	□YES	□NO
	6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	□YES	□NO
	7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	☐YES	□NO
	8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.	YES	□NO
	9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.	□YES	□NO
	10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES	□NO
	11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	□YES	□NO
	12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.	□YES	□NO

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Form OP-I	REQ1:	Page 66		
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	llutants
Х.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)			
	13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO
	Cont	ainers		
	14.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES	□NO
	Drai	ns		
	15.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.	□YES	□NO
	16.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO
	17.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	□YES	□NO
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.	☐YES	□NO

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Form OP-	REQ1:	Page 67		
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	us Air Polluta	ants
X.		oart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions mers and Resins (continued)	: Group IV	
	Drain	ns (continued)		
	19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.	□YES □N	Ю
	20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	□YES □N	1 O
	21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	YES N	VO
	22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	YES N	NO

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Form	Form OP-REQ1: Page 68			
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Y.	Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refin Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.		
		1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	□YES ⊠NO
	Z.		part AAAA - National Emission Standards for Hazardous Air Pollutants for M te (MSW) Landfills.	lunicipal Solid
*		1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	⊠YES □NO
	AA.	Subj Orga	scellaneous	
		1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	□YES ⊠NO
		2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	□YES ⊠NO
		3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.	□YES ⊠NO
		4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.	□YES □NO

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Form OP-REQ1: Page 69				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
AA.	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Misce Organic Chemical Production and Processes (MON) (continued)			
	5.	The application area includes process wastewater streams. If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.	□YES	□NO
	6.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐YES	□NO
	7.	The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	□YES	□NO
	8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.	□YES	□NO
	9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.	□YES	□NO
	10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	□YES	□NO
	11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO
	12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.	☐YES	□NO

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Form OP-REQ1: Page 70				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
AA.	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Misc Organic Chemical Production and Processes (MON) (continued)			ıs
	13.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.	YES	□NO
	14.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	☐YES	□NO
	15.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.	□YES	□NO
	16.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	☐YES	□NO
	17.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES	□NO
	18.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	□YES	□NO
	19.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.	□YES	□NO
	20.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	□YES	□NO

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Forn	Form OP-REQ1: Page 71				
VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miso Organic Chemical Production and Processes (MON) (continued)			scellaneo	us
		21.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	□YES	□NO
		22.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.	☐YES	□NO
		23.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.	□YES	□NO
		24.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	□YES	□NO
		25.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	□YES	□NO
		26.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	YES	□NO

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Form (OP-K	REQ1.	: Page 72			
			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants	
A	AA.		part FFFF - National Emission Standards for Hazardous Air Pollutants for Mi anic Chemical Production and Processes (MON) (continued)	scellaneo	us	
I	BB.	_	Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solve For Vegetable Oil Production.			
		1.	The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	☐YES	⊠NO	
(CC.	Subp	part GGGGG - National Emission Standards for Hazardous Air Pollutants: Si	te Remed	iation	
		1.	The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	□YES	⊠NO	
		2.	The application area is located at a site that is a major source of HAP. If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.	□YES	□NO	
		3.	All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.	☐YES	□NO	
		4.	Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.	□YES	□NO	
		5.	The site remediation will be completed within 30 consecutive calendar days.	YES	□NO	
		6.	No site remediation will exceed 30 consecutive calendar days. If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.	□YES	□NO	
		7.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	□YES	□NO	
		8.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. If the answer to Ouestion VIII.CC.8 is "YES," go to Section VIII.DD.	□YES	□NO	

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		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	us Air Pollutants		
CC.	_	Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)			
	9.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.	□YES □NO		
	10.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	□YES □NO		
	11.	The application area includes containers with a capacity greater than 0.46 m³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	□YES □NO		
	12.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	□YES □NO		
	13.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	□YES □NO		
	14.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	□YES □NO		
DD.	_	oart YYYYY - National Emission Standards for Hazardous Air Pollutants for Arc Furnace Steelmaking Facilities	Area/Sources:		
	1.	The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.	□YES ⊠NO		
	2.	The EAF steelmaking facility is a research and development facility. If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.	□YES □NO		
	3.	Metallic scrap is utilized in the EAF.	□YES □NO		
	4.	Scrap containing motor vehicle scrap is utilized in the EAF.	□YES □NO		
	5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	□YES □NO		

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Form OP-REQ1: Page 74					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
EE.	Subp Gaso	Source (Category:		
	1.	The application area is located at a site that is an area source of HAPs. If the answer to Question EE.1 is "NO," go to Section VIII.FF.	⊠YES	□NO	
	2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	□YES	⊠NO	
	3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	□YES	⊠NO	
	4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.	☐YES	⊠NO	
	5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐YES	□NO	
	6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.	☐YES	⊠NO	
	7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.	□YES	□NO	
	8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	□YES	□NO	
	9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.	□YES	□NO	
	10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	□YES	□NO	

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Forn	Form OP-REQ1: Page 75					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	EE.	Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)				
		11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	□YES	□NO	
	FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category Gasoline Dispensing Facilities					
*		1.	The application area is located at a site that is an area source of hazardous air pollutants. If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.	⊠YES	□NO	
*		2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.	□YES	⊠NO	
•		3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	YES	□NO	
*		4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	YES	□NO	
	GG.	Rece	ently Promulgated 40 CFR Part 63 Subparts			
•		1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.	YES	⊠NO	
*		2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	,		

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Form	Form OP-REQ1: Page 76				
IX.	Title	40 Ca	ode of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prev	ention Pr	ovisions
	A.	Appl	licability		
♦		1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	YES	⊠NO
Χ.	Title	40 C	ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphe	eric Ozon	e
	A.	Subp	oart A - Production and Consumption Controls		
*		1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	□YES	⊠NO □N/A
	В.	Subp	oart B - Servicing of Motor Vehicle Air Conditioners		
♦		1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	YES	⊠NO
	C.	_	part C - Ban on Nonessential Products Containing Class I Substances and Ban lucts Containing or Manufactured with Class II Substances	on Nones	sential
*		1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	□YES	⊠NO □N/A
	D.	Subp	oart D - Federal Procurement		
•		1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	□YES	⊠NO □N/A
	E.	Subp	part E - The Labeling of Products Using Ozone Depleting Substances		
*		1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	□YES	⊠NO □N/A
•		2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	□YES	⊠NO □N/A
*		3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☐YES	⊠NO □N/A

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Forn	Form OP-REQ1: Page 77					
X.		e 40 Co tinued	ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphol)	eric Ozon	e	
	F.	Subp	part F - Recycling and Emissions Reduction			
*		1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	_YES	⊠NO	
*		2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	□YES	⊠NO □N/A	
*		3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	□YES	⊠NO □N/A	
	G.	Subp	part G - Significant New Alternatives Policy Program			
•		1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.	□YES	⊠NO □N/A	
*		2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	□YES	□NO □N/A	
	H.	Subp	part H -Halon Emissions Reduction			
*		1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	□YES	⊠NO □N/A	
•		2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	□YES	⊠NO □N/A	
XI.	Miso	ellane	eous			
	A.	Requ	uirements Reference Tables (RRT) and Flowcharts			
		1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	⊠YES	□NO	

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Forn	Form OP-REQ1: Page 78				
XI.	. Miscellaneous (continued)				
	В.	Form			
*		1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.	⊠YES	□NO □N/A
*		2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subpivision designation for the State regulation(s) in the space provided below. 40 CFR 62 Federal Plan Subpart OOO (for landfill gas treatment systems)	bchapter,	<mark>and</mark>
	C.	Emis	sion Limitation Certifications		
*		1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐YES	⊠NO
	D.	. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equ Requirements			
		1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐YES	⊠NO
		2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐YES	⊠NO
		3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.	□YES	⊠NO
		4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.	□YES	⊠NO

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Forn	Form OP-REQ1: Page 79					
XI.	Misc	cellaneous (continued)				
	E.	Title				
		1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	YES	⊠NO	
		2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	YES	⊠NO	
		3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	YES	⊠NO	
	F.		FR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X (up 2 Trading Program)zone Sea	son	
		1.	The application area includes emission units subject to the requirements of the CSAPR NO _X Ozone Season Group 2 Trading Program.	□YES	⊠NO	
			If the response to Question XI.F.1 is "NO," go to Question XI.F.7.			
		2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	YES	∐NO	
		3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _X , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐YES	□NO	
		4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _X , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	YES	□NO	
		5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _X and heat input.	☐YES	□NO	
		6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _X and heat input.	☐YES	□NO	
		7.	The application area includes emission units that qualify for the CSAPR NO _X Ozone Season Group 2 retired unit exemption.	YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 80					
XI.	I. Miscellaneous (continued)					
	G.	40 C				
		1.	The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. If the response to Question XI.G.1 is "NO," go to Question XI.G.6.	_YES	⊠NO	
		2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	☐YES	□NO	
		3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	☐YES	□NO	
		4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	☐YES	□NO	
		5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	□YES	□NO	
		6.	The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	□YES	⊠NO	
	H. Permit Shield (SOP Applicants Only)					
		1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	⊠YES	□NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form	Form OP-REQ1: Page 81				
XI.	Misc	ellane	ous (continued)		
	I.	GOP	Type (Complete this section for GOP applications only)		
*		1.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	□YES	□NO
*		2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	☐YES	□NO
*		3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	□YES	□NO
•		4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	□YES	□NO
*		5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	☐YES	□NO
	J.	Title	30 TAC Chapter 101, Subchapter H		
•		1.	The application area is located in a nonattainment area. If the response to Question XI.J.1 is "NO," go to question XI.J.3.	⊠YES	□NO
*		2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐YES	⊠NO □N/A
*		3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐YES	⊠NO □N/A

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Forn	Form OP-REQ1: Page 82					
XI.	Misc	ellane	ous (continued)			
	J.	Title	30 TAC Chapter 101, Subchapter H (continued)			
*		4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO_X .	⊠YES	□NO	
♦		5.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	YES	⊠NO	
*		6.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	□YES	⊠NO	
*		7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	□YES	⊠NO	
	K.	Perio	odic Monitoring			
*		1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	□YES	⊠NO	
*		2.	The permit currently contains at least one periodic monitoring requirement. If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.	⊠YES	□NO	
*		3.	All periodic monitoring requirements are being removed from the permit with this application.	□YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 83					
XI.	Misc	ellane	ous (continued)			
	L. Compliance Assurance Monitoring					
*		1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. If the response to Question XI.L.1 is "NO," go to Section XI.M.	□YES	⊠NO	
•		2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. If the response to Question XI.L.2 is "NO," go to Section XI.M.	_YES	□NO	
*		3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐YES	□NO	
*		4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.	☐YES	□NO	
		5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	□YES	□NO	
		6.	Provide the unit identification numbers for the units for which the applicant is sub-implementation plan and schedule in the space below.	omitting a	CAM	
*		7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	□YES	□NO	
*		8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). If the response to Question XI.L.8 is "YES," go to Section XI.M.	YES	□NO	

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Form	Form OP-REQ1: Page 84					
XI.	Misc	scellaneous (continued)				
	L.	Com	pliance Assurance Monitoring (continued)			
•		9.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	_YES	□NO	
•		10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐YES	□NO	
•		11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	□YES	□NO	
*		12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐YES	□NO	
	M.	Title	30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Co	mpliance	Times	
•		1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.	_YES	□NO ⊠N/A	
*		2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	YES	□NO	
XII.	New	Sourc	e Review (NSR) Authorizations			
	A.	Wast	e Permits with Air Addendum			
*		1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.	□YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form	Form OP-REQ1: Page 85					
XII.	New	Sourc	e Review (NSR) Authorizations (continued)			
	B. Air Quality Standard Permits					
*		1.	The application area includes at least one Air Quality Standard Permit NSR authorization. If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.	□YES	⊠NO	
•		2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	□YES	□NO	
*		3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐YES	□NO	
*		4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	YES	□NO	
*		5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	☐YES	□NO	
*		6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐YES	□NO	
*		7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	YES	□NO	
		8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐YES	□NO	
•		9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐YES	□NO	
•		10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐YES	□NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 86						
XII.	XII. New Source Review (NSR) Authorizations (continued)					
	B.	Air Quality Standard Permits (continued)				
♦		11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	□YES	□NO	
*		12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. If the response to XII.B.12 is "NO," go to Question XII.B.15.	☐YES	□NO	
♦		13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐YES	□NO	
♦		14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	□YES	□NO	
•		15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	□YES	□NO	
•		16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	□YES	□NO	
	C.	2. Flexible Permits				
		1.	The application area includes at least one Flexible Permit NSR authorization.	□YES	\boxtimes NO	
	D.	Mult	iple Plant Permits			
		1.	The application area includes at least one Multi-Plant Permit NSR authorization.	□YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 87					
XII. NSR Authorizations (A	XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)				
E. PSD Permits and	d PSD M	Iajor Pollutants			
PSD Permit No.: PSDTX973		Issuance Date: 07/02/2021		Pollutant(s):	
PSD Permit No.:		Issuance Date:		Pollutant(s):	
PSD Permit No.:		Issuance Date:		Pollutant(s):	
PSD Permit No.:		Issuance Date:		Pollutant(s):	
If PSD Permits are held for th Technical Forms heading at:				0 2	
F. Nonattainment ((NA) Per	rmits and NA Major	Pollutar	nts	
NA Permit No.: N032		Issuance Date: 07/02/2021 I		Pollutant(s):	
NA Permit No.:		Issuance Date:		Pollutant(s):	
NA Permit No.:		Issuance Date:		Pollutant(s):	
NA Permit No.:		Issuance Date: Pollutant(s):			
If NA Permits are held for the application area, please complete Technical Forms heading at: www.tceq.texas.gov/permitting/ai					
G. NSR Authorizations with FCAA § 112(g) Requirements					
NSR Permit No.:	Issuance	e Date:	NSR Pe	ermit No.:	Issuance Date:
NSR Permit No.:	Issuance	e Date:	Date: NSR Pe		Issuance Date:
NSR Permit No.:	Issuance	e Date: NSR Pe		ermit No.:	Issuance Date:
NSR Permit No.: Issuance		e Date: NSR Permit No.:		ermit No.:	Issuance Date:
♦ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area					
Authorization No.: 44278	Issuance	e Date: 07/02/2021	Authori	zation No.:	Issuance Date:
Authorization No.:	Issuance	e Date:	Authori	zation No.:	Issuance Date:
Authorization No.: Issuance Date:		Authori	zation No.:	Issuance Date:	

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Form OP-REQ1: Page 88			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
♦ I. Permits by Rule (30 TAC Chapter 106) for the Application Area			
A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.			
PBR No.: 106.263 (MSS)	Version No./Date: 11/01/2001		
PBR No.: 106.472 (Loading)	Version No./Date: 09/04/2000		
PBR No.: 106.492 (FLARE)	Version No./Date: 09/04/2000		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
PBR No.:	Version No./Date:		
♦ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum			
Permit No.:	Issuance Date:		
Permit No.:	rmit No.: Issuance Date:		
Permit No.:	Issuance Date:		

Permit By Rule Supplemental Table (Page 1) Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

Unit ID No.	Registration No.	PBR No.	Registration Date
FLARE	74012	106.492	11/10/2004

Permit By Rule Supplemental Table (Page 2) Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date
PROCESSMSS	106.263	08/19/2019
TANKS	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 3) Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

PBR No.	Version No./Date

Permit By Rule Supplemental Table (Page 4) Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1

Date: 07/20/2024	
Permit No.: 0-2565	
Regulated Entity No.: RN102495421	
Company Name: TX LFG Energy, LP	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	XES NO
I. Application Type	
Indicate the type of application:	
□ Renewal	
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
Significant Revision	
Revision Requesting Prior Approval	
Administrative Revision	
Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only	☐ YES ☐ NO
For GOP Revisions Only	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1 (continued) Texas Commission on Environmental Quality

III.	Major Source Pollutants (Com	plete this section if the	permit revision is due t	o a change at the site or c	hange in regulations.	.)
	Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)					
	OC NO _X	\square SO ₂	\square PM ₁₀	СО	☐ Pb	□НАР
Other:						
IV.	Reference Only Requirements	(For reference only)				
Has th	e applicant paid emissions fees	for the most recent ag	gency fiscal year (Septe	mber 1 - August 31)?	\boxtimes	YES NO N/A
V.	Delinquent Fees and Penalties					
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 2 Texas Commission on Environmental Quality

Date: 07/20/2024
Permit No.: 0-2565
Regulated Entity No.: RN102495421
Company Name: TX LFG Energy, LP

Using the table below, provide a description of the revision.

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	GASTREAT	OP-UA1	44278	Remove emission unit and associated applicable requirements. This emission source is already represented as GASTREAT2.
2	MS-C	NO	GASTREAT2	OP-UA1	44278	Replace requirements for 40 CFR Part 60, Subpart WWW with requirements for 40 CFR Part 62 Subpart OOO.

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Date	e: 07/20/2024	
Pern	nit No.: 0-2565	
Regi	ulated Entity No.: RN102495421	
Com	npany Name: TX LFG Energy, LP	
I.	Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application significant revision.)	on that includes a
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☐ NO
B.	Indicate the alternate language(s) in which public notice is required:	
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☐ NO

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions
NMOC	No changes to permitted conditions. Only a change in regulatory references.

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 1)

Texas Commission on Environmental Quality

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	Company Identifying Information
A.	Company Name: TX LFG Energy, LP
В.	Customer Reference Number (CN): CN601281835
C.	Submittal Date (mm/dd/yyyy): 07/25/2024
II.	Site Information
A.	Site Name: Humble Renewable Energy Plant
В.	Regulated Entity Reference Number (RN): RN102495421
C.	Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)
□ A	IR CO KS LA NM OK N/A
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)
\square V	OC \square NO_X \square SO_2 \square PM_{10} \square CO \square Pb \square $HAPS$
Othe	r:
E.	Is the site a non-major source subject to the Federal Operating Permit Program? $\ \ \ \ \ \ \ \ \ \ \ \ \ $
F.	Is the site within a local program area jurisdiction? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
G.	Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO
Н.	Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III.	Permit Type
A.	Type of Permit Requested: (Select only one response)
$\boxtimes S$	ite Operating Permit (SOP)

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 2)

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)	
A.	Is this submittal an abbreviated or a full application?	Abbreviated Full
В.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ YES ☐ NO
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ YES ☐ NO
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA (Refer to the form instructions for additional information.)	?
v.	Confidential Information	
A.	Is confidential information submitted in conjunction with this application?	☐ YES ⊠ NO
VI.	Responsible Official (RO) Identifying Information	
RO N	Name Prefix: (Mr. Mrs. Mrs. Dr.)	
RO I	Full Name: Jim Shaw	
RO 7	Citle: Vice President of Operations	
Emp	loyer Name: TX LFG Energy, LP	
Mail	ing Address: 680 Anderson Drive, Foster Plaza 10, 5th Floor	
City:	Pittsburgh	
State	: PA	
ZIP	Code: 15220	
Terri	tory:	
Cour	atry:	
Fore	gn Postal Code:	
Inter	nal Mail Code:	
Tele	phone No.: (724) 984-7361	
Fax 1	No.: (412) 542-1577	
Ema	1: jshaw@montaukenergy.com	

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

VII. Technical Contact Identifying Information (Complete if different from RO.)	
Technical Contact Name Prefix: (Mr. Mrs. Ms. Dr.)	
Technical Contact Full Name: Matthew Unger	
Technical Contact Title: Southern Regional Environmental Manager	
Employer Name: TX LFG Energy, LP	
Mailing Address: 5313 Campbells Run Road, Suite 200	
City: Pittsburgh	
State: PA	
ZIP Code: 15205	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: (412) 779-8548	
Fax No.:	
Email: munger@montaukrenewables.com	
VIII. Reference Only Requirements (For reference only.)	
A. State Senator: Molly Cook (District 15)	
B. State Representative: Harold V. Dutton, Jr. (District 142)	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	YES NO N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	⊠ YES □ NO
E. Indicate the alternate language(s) in which public notice is required: Spanish	

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 4)

IX.	Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
A.	Office/Facility Name: TX LFG Energy, LP
В.	Physical Address: 5313 Campbells Run Road, Suite 200
City	: Pittsburgh
State	e: PA
ZIP	Code: 15205
Terr	itory:
Cou	ntry:
Fore	ign Postal Code:
C.	Physical Location:
D.	Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)
Con	tact Full Name: Matthew Unger
E.	Telephone No.: (412) 779-8548
X.	Application Area Information
A.	Area Name: Humble Renewable Energy Plant
В.	Physical Address: 3623 Wilson Road
City	: Humble
State	e: TX
ZIP	Code: 77396
C.	Physical Location:
D.	Nearest City:
E.	State:
F.	ZIP Code:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 5)

X.	Application Area Information (continued)	
G.	Latitude (nearest second): 29:57:08	
Н.	Longitude (nearest second): -95:14:32	
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO	
J.	Indicate the estimated number of emission units in the application area: 9 (in SOP)	
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO	
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)	
A.	Name of a public place to view application and draft permit: Atascocita Branch Library	
В.	Physical Address: 19520 Pinehurst Trail Dr.	
City: Humble		
ZIP Code: 77346		
C.	Contact Person (Someone who will answer questions from the public during the public notice period):	
Contact Name Prefix: (Mr. Mrs. Mrs. Dr.):		
Contact Person Full Name: Matthew Unger		
Contact Mailing Address: 5313 Campbells Run Road, Suite 200		
City: Pittsburgh		
State: PA		
ZIP Code: 15205		
Territory:		
Country:		
Foreign Postal Code:		
Internal Mail Code:		
Telephone No.: (412) 779-8548		

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 6)

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (Mr. Mrs. Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Fmail:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 7)

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.	
XIV. Alternate Designated Representative (ADR) Identifying Information	
ADR Name Prefix: (Mr. Mrs. Ms. Dr.)	
ADR Full Name:	
ADR Title:	
Employer Name:	
Mailing Address:	
City:	
State:	
ZIP Code:	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	
Fax No.:	
Email:	

Texas Commission on Environmental Quality

Title V Existing 2565

HUMBLE RENEWABLE ENERGY PLANT

Site Information (Regulated Entity)

What is the name of the permit area to be

authorized?

Does the site have a physical address?

Physical Address

Number and Street 3623 WILSON RD

 City
 HUMBLE

 State
 TX

 ZIP
 77396

 County
 HARRIS

 Latitude (N) (##.#####)
 29.952222

 Longitude (W) (-###.#####)
 95.242222

 Primary SIC Code
 4911

Secondary SIC Code

Primary NAICS Code 221119

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN102495421

What is the name of the Regulated Entity (RE)?

HUMBLE RENEWABLE ENERGY PLANT

Does the RE site have a physical address?

Physical Address

Number and Street 3623 WILSON RD

 City
 HUMBLE

 State
 TX

 ZIP
 77396

 County
 HARRIS

 Latitude (N) (##.#####)
 29.952222

 Longitude (W) (-###.#####)
 -95.242222

Facility NAICS Code

What is the primary business of this entity? ELECTRIC POWER GENERATION

Customer (Applicant) Information

How is this applicant associated with this site?

Owner Operator
What is the applicant's Customer Number

CN601281835

(CN)?

Type of Customer Partnership

Full legal name of the applicant:

Legal Name TX LFG Energy, LP

Texas SOS Filing Number 13464211
Federal Tax ID 190041075
State Franchise Tax ID 19004107520

State Sales Tax ID

Local Tax ID

DUNS Number 930187393

0-20 Number of Employees No

Independently Owned and Operated?

Responsible Official Contact

Person TCEQ should contact for questions

about this application:

Organization Name **GSF ENERGY LLC**

Prefix MR First JIM

Middle

Last SHAW

Suffix

Credentials

Title VICE PRESIDENT OF OPERATIONS

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if 680 ANDERSEN DR

applicable)

Routing (such as Mail Code, Dept., or Attn:) FOSTER PLZ 10 5TH FL

City **PITTSBURGH**

PΑ State ZIP 15220 Phone (###-###-) 7249847361

Extension

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

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

E-mail jshaw@montaukenergy.com

Technical Contact

Person TCEQ should contact for questions

about this application:

Select existing TC contact or enter a new **New Contact**

contact.

TX LFG ENERGY LP Organization Name

Prefix MR

MATTHEW First

Middle

UNGER Last

Suffix Credentials

SOUTHERN REGIONAL ENVIRONMENTAL Title

MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

5313 CAMPBELLS RUN RD STE 200 Mailing Address (include Suite or Bldg. here, if

applicable)

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

City PITTSBURGH

 State
 PA

 ZIP
 15205

 Phone (###-####)
 4127798548

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

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

E-mail MUNGER@MONTAUKRENEWABLES.COM

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate:
 29 Deg 57 Min 8 Sec
 3) Permit Longitude Coordinate:
 95 Deg 14 Min 32 Sec
 4) Is this submittal a new application or an
 New Application

update to an existing application?

4.1. What type of permitting action are you Renewal

applying for?

4.1.1. Are there any permits that should be No

voided upon issuance of this permit application through permit conversion?

4.1.2. Are there any permits that should be

voided upon issuance of this permit application

through permit consolidation?

5) Does this application include Acid Rain No

Program or Cross-State Air Pollution Rule

requirements?

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208172>OP-1.pdf

No

Hash 6488D0A0F43AECDB910DAF81FD5B781B63AFFB7656BB83DF767C06510D217E69

MIME-Type application/pdf

Attach OP-2 (Application for Permit Revision/Renewal)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208173>OP-2 - HRE.pdf

Hash CC0D044A5C8D131851F2F105639C72E3C4938BB17B8AF1E5D3E84360C7F22E70

MIME-Type application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name OP-ACPS - HRE.pdf

Hash E6F5F80632B03B87C8D5B4FF040EE251FCA4241BE4719281A04BE2D52E76AFF2

MIME-Type application/pdf

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208175>OP-REQ1 - HRE.pdf

Hash 995FD5073499E30D26F903C1352E9F555BAD85F7A3DD33BAB066D37CEFF338CF

MIME-Type application/pdf

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208176>OP-REQ3 - HRE.pdf

Hash 56FA41E6DF3643372968D1D47FDD56DBB490F919EE1343B2714999EF020FBF5A

MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208177>OP-PBRSUP - HRE.pdf

Hash 3E870F2C0F65BC2871AB8A0CF87C5C5330E4BC58AD6884357411803899ECB590

MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208178>OP-SUMR - HRE.pdf

Hash AAE79141B9AD7D62C22BD175EBEBCDCAB940E209B15F742C2883786D43009F8F

MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208179>OP-UA1 - HRE.pdf

Hash 99BB4CECCC223BEE6061950A4CC056D16EAB324E5937ABAB1EC30A308513178

MIME-Type application/pdf

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name <a href=/ePermitsExternal/faces/file?

fileId=208180>2024-07-25 SOP Renewal -

HRE.pdf

Hash 3D4041DC2E2FE01F68805F1B3ACA4985AA91F8AB333F5967D24637EAE6F05776

MIME-Type application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

- 1. I am Matthew M Unger, the owner of the STEERS account ER105778.
- 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 Title V Existing 2565.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Matthew M Unger OWNER OPERATOR

Account Number: ER105778
Signature IP Address: 131.153.157.58
Signature Date: 2024-07-26

Signature Hash: 21D6443083646598944580B4ED2F169C5A82DFE3F3BA4994AFCB60E0A138BE24
Form Hash Code at time of Signature: 21D6443083646598944580B4ED2F169C5A82DFE3F3BA4994AFCB60E0A138BE24
FCF8D1CE2AF9781A003E1AB02674DA3D34F2EC262CD927C5A2FEBDB70554522B
time of Signature:

Submission

Reference Number: The application reference number is 667922

Submitted by: The application was submitted by

ER105778/Matthew M Unger

Submitted Timestamp: The application was submitted on 2024-07-26

at 09:56:21 CDT

Submitted From: The application was submitted from IP address

131.153.157.58

Confirmation Number: The confirmation number is 553374

Steers Version: The STEERS version is 6.79
Permit Number: The permit number is 2565

Additional Information

Application Creator: This account was created by Kristin C Richardson

Air Permits Initial Review Team Mail Code 161 Texas Commission on Environmental Quality Building C, Third Floor, Room 300 W 12100 Park 35 Circle Austin, Texas 78753

Re: Renewal/Revision to Site Operating Permit No. 0-2565
Humble Renewable Energy Plant
Harris County, Texas
CN601281835 RN102495421
TCEQ Air Account No. HX-2716-F
NSR Permit No. 44278/PSDTX973/N032

Please find enclosed the renewal application for the Site Operating Permit (SOP) No. 02565 for Humble Renewable Energy (HRE) Plant owned and operated by TX LFG Energy, LP and located in Harris County. The Texas Commission on Environmental Quality (TCEQ) issued the initial SOP for the Site on September 10, 2004. The previous renewal was issued on February 5, 2020.

TX LFG Energy, LP is currently authorized to operate a high BTU processing facility at the HRE Plant, which includes a flare and a thermal oxidizer. The high BTU processing facility will continue operating as permitted. TX LFG Energy, LP is submitting this permit renewal application to renew the SOP.

Only new or updated information is included within this submittal, and previously submitted information is not included as per TCEQ's Site Operating Technical Review Fact Sheet. As required, the changes made to OP-REQ1 are visually indicated on the form. The requested revisions do not involve any change in the representation, general conditions, or special conditions that would cause a change in the method of control of emissions, a change in the character of emissions, or an increase in the emission rate of any contaminant. The revisions requested within this SOP renewal update the applicable regulatory requirements from Title 40 Code of Federal Regulations (40 CFR) Part 60, Subpart WWW to 40 CFR Part 62 (Federal Plan) Subpart OOO. In addition, the site is removing a duplicate emission unit (GASTREAT) for the LFG treatment system. The TCEQ issued the renewal NSR Permit No. 44278/PSDTX973/N032 on July 2, 2021.

This renewal application is comprised of the following attachments:

Attachment 1 – Administrative and Certification Forms

- Form OP-1: Site Information Summary
- Form OP-2: Application for Permit Revision
- Form OP-SUMR: Individual Unit Summary for Revisions
- Form ACPS: Application Compliance Plan and Schedule

• Form OP-CRO1: Certification by Responsible Official

Attachment 2 - Unit Attribute, PBR, and Potentially Applicable Requirements Forms

- Form OP-UA1: Miscellaneous Unit Attributes
- Form OP-PBRSUP: Permits By Rule Supplemental Table
- Form OP-REQ1: Area-Wide Applicability Determinations and General Information
- Form OP-REQ3: Applicable Requirements Summary

A written response to this submittal is requested. This renewal application is being submitted electronically via STEERS. One copy will be provided to the appropriate regional office and the Harris County Pollution Control Services Department. A copy of this submittal will also be placed in the site files.

If you have any questions or comments regarding this submittal, please contact Mr. Matthew Unger by phone at (412) 779-8548 or by email at munger@montaukrenewables.com.

Sincerely,

TX LFG Energy, LP

Jim Shaw

Vice President of Operations

Attachments:

Attachment 1 – Administrative and Certification Forms

Attachment 2 – Unit Attribute, PBR, and Potentially Applicable

Requirements Forms

cc:

EPA (Electronic Submittal to R6AirPermitsTX@epa.gov)

Dr. Latrice Babin, Harris County Pollution Control Services

Joseph Doby, TCEQ – Region 12

Sharon R. Frank, TX LFG Energy, LP

Matthew Unger, TX LFG Energy, LP

Archana Nagaraj, Weaver Consultants Group, LLC

ATTACHMENT 1

ADMINISTRATIVE AND CERTIFICATION FORMS

- Form OP-1: Site Information Summary
- Form OP-2: Application for Permit Revision
- Form OP-SUMR: Individual Unit Summary for Revisions
- Form ACPS: Application Compliance Plan and Schedule
- Form OP-CRO1: Certification by Responsible Official

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 1)

Texas Commission on Environmental Quality

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I.	Company Identifying Information				
A.	Company Name: TX LFG Energy, LP				
В.	Customer Reference Number (CN): CN601281835				
C.	Submittal Date (mm/dd/yyyy): 07/25/2024				
II.	Site Information				
A.	Site Name: Humble Renewable Energy Plant				
В.	Regulated Entity Reference Number (RN): RN102495421				
C.	Indicate affected state(s) required to review permit application: (Check the appropriate box[es].)				
□ A	IR CO KS LA NM OK N/A				
D.	Indicate all pollutants for which the site is a major source based on the site's potential to emit: (<i>Check the appropriate box[es]</i> .)				
\square V	$OC igwidge NO_X igwidge SO_2 igwidge PM_{10} igwidge CO igwidge Pb igwidge HAPS$				
Othe	r:				
E.	Is the site a non-major source subject to the Federal Operating Permit Program? $\ \ \ \ \ \ \ \ \ \ \ \ \ $				
F.	Is the site within a local program area jurisdiction? $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$				
G.	. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? ☐ YES ☒ NO				
Н.	H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:				
III.	Permit Type				
A.	Type of Permit Requested: (Select only one response)				
$\boxtimes S$	ite Operating Permit (SOP)				

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 2)

IV.	Initial Application Information (Complete for Initial Issuance Applications Only.)				
A.	Is this submittal an abbreviated or a full application?	Abbreviated Full			
В.	If this is a full application, is the submittal a follow-up to an abbreviated application?	☐ YES ☐ NO			
C.	If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	☐ YES ☐ NO			
D.	Has an electronic copy of this application been submitted (or is being submitted) to EPA (Refer to the form instructions for additional information.)	?			
v.	Confidential Information				
A.	Is confidential information submitted in conjunction with this application?	☐ YES ⊠ NO			
VI.	Responsible Official (RO) Identifying Information				
RO N	Name Prefix: (Mr. Mrs. Mrs. Dr.)				
RO I	Full Name: Jim Shaw				
RO T	Citle: Vice President of Operations				
Emp	loyer Name: TX LFG Energy, LP				
Mail	ing Address: 680 Anderson Drive, Foster Plaza 10, 5th Floor				
City:	Pittsburgh				
State	: PA				
ZIP	Code: 15220				
Terri	tory:				
Cour	Country:				
Foreign Postal Code:					
Inter	nal Mail Code:				
Tele	phone No.: (724) 984-7361				
Fax No.: (412) 542-1577					
Ema	1: jshaw@montaukenergy.com				

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 3)

VII. Technical Contact Identifying Information (Complete if different from RO.)	
Technical Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)	
Technical Contact Full Name: Matthew Unger	
Technical Contact Title: Southern Regional Environmental Manager	
Employer Name: TX LFG Energy, LP	
Mailing Address: 5313 Campbells Run Road, Suite 200	
City: Pittsburgh	
State: PA	
ZIP Code: 15205	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.: (412) 779-8548	
Fax No.:	
Email: munger@montaukrenewables.com	
VIII. Reference Only Requirements (For reference only.)	
A. State Senator: Molly Cook (District 15)	
B. State Representative: Harold V. Dutton, Jr. (District 142)	
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)?	YES NO N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322?	⊠ YES □ NO
E. Indicate the alternate language(s) in which public notice is required: Spanish	

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 4)

IX.	Off-Site Permit Request (Optional for applicants requesting to hold the FOP and records at an off-site location.)
A.	Office/Facility Name: TX LFG Energy, LP
В.	Physical Address: 5313 Campbells Run Road, Suite 200
City	: Pittsburgh
State	e: PA
ZIP	Code: 15205
Terr	itory:
Cou	ntry:
Fore	ign Postal Code:
C.	Physical Location:
D.	Contact Name Prefix: (Mr. Mrs. Mrs. Dr.)
Con	tact Full Name: Matthew Unger
E.	Telephone No.: (412) 779-8548
X.	Application Area Information
A.	Area Name: Humble Renewable Energy Plant
В.	Physical Address: 3623 Wilson Road
City	: Humble
State	e: TX
ZIP	Code: 77396
C.	Physical Location:
D.	Nearest City:
E.	State:
F.	ZIP Code:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 5)

X.	Application Area Information (continued)				
G.	Latitude (nearest second): 29:57:08				
Н.	Longitude (nearest second): -95:14:32				
I.	Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? ☐ YES ☒ NO				
J.	Indicate the estimated number of emission units in the application area: 9 (in SOP)				
K.	Are there any emission units in the application area subject to the Acid Rain Program? ☐ YES ☒ NO				
XI.	Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.)				
A.	Name of a public place to view application and draft permit: Atascocita Branch Library				
В.	Physical Address: 19520 Pinehurst Trail Dr.				
City	: Humble				
ZIP	Code: 77346				
C.	Contact Person (Someone who will answer questions from the public during the public notice period):				
Cont	tact Name Prefix: (Mr. Mrs. Ms. Dr.):				
Cont	tact Person Full Name: Matthew Unger				
Cont	Contact Mailing Address: 5313 Campbells Run Road, Suite 200				
City	: Pittsburgh				
State	e: PA				
ZIP	Code: 15205				
Terr	itory:				
Cou	ntry:				
Fore	ign Postal Code:				
Inter	Internal Mail Code:				
Tele	Telephone No.: (412) 779-8548				

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 6)

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (Mr. Mrs. Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

Federal Operating Permit Program Site Information Summary Form OP-1 (Page 7)

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix: (Mr. Mrs. Ms. Dr.)
ADR Full Name:
ADR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1

Date: 07/20/2024				
Permit No.: 0-2565				
Regulated Entity No.: RN102495421				
Company Name: TX LFG Energy, LP				
For Submissions to EPA				
Has an electronic copy of this application been submitted (or is being submitted) to EPA?	XES NO			
I. Application Type				
Indicate the type of application:				
□ Renewal				
☐ Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)				
Significant Revision				
Revision Requesting Prior Approval				
Administrative Revision				
Response to Reopening				
II. Qualification Statement				
For SOP Revisions Only				
r GOP Revisions Only				

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 1 (continued) Texas Commission on Environmental Quality

III.	Major Source Pollutants (Com	plete this section if the	permit revision is due t	o a change at the site or c	hange in regulations.	.)
	Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)					
	OC NO _X	\square SO ₂	\square PM ₁₀	СО	☐ Pb	□НАР
Other:						
IV.	Reference Only Requirements	(For reference only)				
Has th	Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☐ YES ☐ NO ☐ N/A					
V.	Delinquent Fees and Penalties					
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 2 Texas Commission on Environmental Quality

Date: 07/20/2024
Permit No.: 0-2565
Regulated Entity No.: RN102495421
Company Name: TX LFG Energy, LP

Using the table below, provide a description of the revision.

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-C	NO	GASTREAT	OP-UA1	44278	Remove emission unit and associated applicable requirements. This emission source is already represented as GASTREAT2.
2	MS-C	NO	GASTREAT2	OP-UA1	44278	Replace requirements for 40 CFR Part 60, Subpart WWW with requirements for 40 CFR Part 62 Subpart OOO.

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Date	Date: 07/20/2024					
Pern	Permit No.: 0-2565					
Regi	Regulated Entity No.: RN102495421					
Com	Company Name: TX LFG Energy, LP					
I.	Significant Revision (Complete this section if you are submitting a significant revision application or a renewal application significant revision.)	on that includes a				
A.	Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	☐ YES ☐ NO				
B.	Indicate the alternate language(s) in which public notice is required:					
C.	Will, there be a change in air pollutant emissions as a result of the significant revision?	☐ YES ☐ NO				

Federal Operating Permit Program Application for Permit Revision/Renewal Form OP-2-Table 3 Texas Commission on Environmental Quality

Using the table below, indicate the air pollutant(s) that will be changing and include a brief description of the change in pollutant emissions for each pollutant:

Pollutant	Description of the Change in Pollutant Emissions			
NMOC	No changes to permitted conditions. Only a change in regulatory references.			

Texas Commission on Environmental Quality Federal Operating Permit Program Individual Unit Summary for Revisions Form OP-SUMR Table 1

Date	Permit No.	Regulated Entity No.
07/20/2024	O-2565	RN102495421

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	GASTREAT	OP-UA1	LFG Treatment		44248	
	2	GASTREAT2	OP-UA1	LFG Treatment Skid System		44248	

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date: 07/20/2024	Regulated Entity No.: RN102495421		Permit No.: O-2565	
Company Name: TX LFG Energy, LP		Area Na	me: Humble Renewable Energy Plant	

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A.	Compliance Plan — Future Activity Committal Statement					
As that	The Responsible Official commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.					
В.	. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)					
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	⊠ YES □ NO				
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ⊠ NO				
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)					
*	For Site Operating Permits (SOPs), the complete application should be consulted for apprequirements and their corresponding emission units when assessing compliance status For General Operating Permits (GOPs), the application documentation, particularly For should be consulted as well as the requirements contained in the appropriate General For TAC Chapter 122.	s. m OP-REQ1				
	Compliance should be assessed based, at a minimum, on the required monitoring, test keeping, and/or reporting requirements, as appropriate, associated with the applicable question.					

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date: 07/20/2024	Regulated Entity No.: RN102495421		Permit No.: O-2565	
Company Name: TX LFG Energy, LP		Area Na	me: Humble Renewable Energy Plant	
Part 2				

Part 2					
A. Compliance Schedule					
Part 2 for each separate non-	compliance situation. (Se	e form instruc	then complete a separate OP-ACPS tion for details.) If there are no ection is not required to be completed.		
1. Specific Non-Complian	ce Situation				
Unit/Group/Process ID No.(s)					
SOP Index No.:					
Pollutant:					
Applicable Requirement					
Citatio	n		Text Description		
2. Compliance Status As	sessment Method and I	Records Loca	ition		
Citation	Text Descri	ption	Location of Records/Documentation		
3. Non-compliance Situa	ion Description				
4. Corrective Action Plan	Description				
5. List of Activities/Milestones to Implement the Corrective Action Plan					

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date	e: 07/20/2024	Regulated Entity No.: RN1024	195421	Permit No.: O-2565			
Company Name: TX LFG Energy, LP Area Name			ame: Humble Renewable Energy Plant				
Part 2 (continued)							
6.	6. Previously Submitted Compliance Plan(s)						
Type of Action			Date Submitted				
7. Progress Report Submission Schedule							

Form OP-CRO1 Certification by Responsible Official Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information					
RN: RN102495421	CN: CN601281	335	Accou	nt No.: HX-271	.6-F
Permit No.: 0-2565		Project No.: T	ВА		
Area Name: Humble Renewable Ener	gy Plant	Company Nan	ne: TX LFG Ene	rgy, LP	
II. Certification Type (Please mark	the appropriate b	ox)			
Responsible Official		Duly Au	thorized Represe	entative	
III. Submittal Type (Please mark the	appropriate box)	(Only one res	ponse can be acc	cepted per form	2)
SOP/TOP Initial Permit Application	Update	e to Permit App	plication		
GOP Initial Permit Application	Permit	Revision, Ren	newal, or Reopen	ing	
Other:					
IV. Certification of Truth					
This certification does not extend to in only.	formation which	is designated	l by the TCEQ	as information	for reference
I, Jim Shaw		certify	that I am the		
(Certifier Name printed or	туреа)			(RO or D	AR)
and that, based on information and belief the time period or on the specific date(s)	f formed after rea below, are true, a	sonable inquiry accurate, and co	y, the statements omplete:	and information	on dated during
Note: Enter Either a Time Period OR Sp certification is not valid without docume	pecific Date(s) for ntation date(s).	· each certifica	ntion. This sectio	n must be comp	oleted. The
Time Period: From		to		Bit come	
Sta 	art Date		End	d Date	
Specific Dates: 07/19/2024	· ·				
Date 1	Date 2	Date 3	Date 4	Date 5	Date 6
Signature: Title: Vice President of Operations			_ Signature Date	: 7/18/20	24

ATTACHMENT 2

UNIT ATTRIBUTE, PBR, AND POTENTIALLY APPLICABLE REQUIREMENTS FORMS

- Form OP-UA1: Miscellaneous Unit Attributes
- Form OP-PBRSUP: Permits By Rule Supplemental Table
- Form OP-REQ1: Area-Wide Applicability Determinations and General Information
- Form OP-REQ3: Applicable Requirements Summary Form

Texas Commission on Environmental Quality Miscellaneous Unit Attributes Form OP-UA1 (Page 1) Federal Operating Permit Program

Date:	07/20/2024
Permit No.:	O-2565
Regulated Entity No.:	RN102495421

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed/Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
GASTREAT2	62000-TREAT	CD	11/4/2022			LFG Treatment System

Permit By Rule Supplemental Table (Page 1) Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number	
07/20/2024	O-2565	RN102495421	

Unit ID No.	Registration No.	PBR No.	Registration Date		
FLARE	74012	106.492	11/10/2004		

Permit By Rule Supplemental Table (Page 2) Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

Unit ID No.	PBR No.	Version No./Date
PROCESSMSS	106.263	08/19/2019
TANKS	106.472	09/04/2000

Permit By Rule Supplemental Table (Page 3) Table C: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
07/20/2024	O-2565	RN102495421

PBR No.	Version No./Date

Permit By Rule Supplemental Table (Page 4) Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number	
07/20/2024	O-2565	RN102495421	

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 1					
I.	. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter					
	Α.	Visib	ole Emissions			
*		1.	The application area includes stationary vents constructed on or before January 31, 1972.	□YES	⊠NO	
•		2.	The application area includes stationary vents constructed after January 31, 1972. If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6. If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.	⊠YES	□NO	
*		3.	The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	YES	□NO	
♦		4.	All stationary vents are addressed on a unit specific basis.	YES	⊠NO	
*		5.	Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	⊠YES	□NO	
♦		6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	⊠YES	□NO	
♦		7.	The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	⊠YES	□NO	
•		8.	Emissions from units in the application area include contributions from uncombined water.	□YES	⊠NO	
*		9.	The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	☐YES	⊠NO □N/A	

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	n OP-	REQ1	: Page	2 2		
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)					
	В.	Mat	erials l	Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
		1.	Items	s a - d determines applicability of any of these requirements based on geographic	phical loc	ation.
♦			a.	The application area is located within the City of El Paso.	YES	⊠NO
*			b.	The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	□YES	⊠NO
*			c.	The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	□YES	⊠NO
•			d.	The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	YES	⊠NO
		If there is any "YES" response to Questions I.B.1.a - d, answer Questions I.B.2.a - d. If all response to Questions I.B.1.a-d are "NO," go to Section I.C.			responses	
		2.	Items	s a - d determine the specific applicability of these requirements.		
♦			a.	The application area is subject to 30 TAC § 111.143.	□YES	□NO
♦			b.	The application area is subject to 30 TAC § 111.145.	YES	□NO
♦			c.	The application area is subject to 30 TAC § 111.147.	☐YES	□NO
♦			d.	The application area is subject to 30 TAC § 111.149.	☐YES	□NO
	C.	Emi	ssions	Limits on Nonagricultural Processes		
*		1.		application area includes a nonagricultural process subject to 30 TAC 1.151.	⊠YES	□NO
		2.	subje	application area includes a vent from a nonagricultural process that is ect to additional monitoring requirements. The response to Question I.C.2 is "NO," go to Question I.C.4.	YES	⊠NO
		3.		ents from nonagricultural process in the application area are subject to ional monitoring requirements.	□YES	□NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Fori	Form OP-REQ1: Page 3				
I.	Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)				
	C.	Emi	ssions Limits on Nonagricultural Processes (continued)		
		4.	The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	□YES ⊠NO	
		5.	The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.5 is "NO," go to Question I.C.7.	□YES ⊠NO	
		6.	All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	□YES □NO	
		7.	The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	□YES ⊠NO	
		8.	The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. If the response to Question I.C.8 is "NO," go to Section I.D.	□YES ⊠NO	
		9.	All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	□YES □NO	
	D.	Emi	ssions Limits on Agricultural Processes		
		1.	The application area includes agricultural processes subject to 30 TAC § 111.171.	□YES ⊠NO	
	E.	Out	door Burning		
*		1.	Outdoor burning is conducted in the application area. If the response to Question I.E.1 is "NO," go to Section II.	□YES ⊠NO	
*		2.	Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	□YES □NO	
♦		3.	Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	□YES □NO	
*		4.	Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	□YES □NO	

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 4				
I.		30 Tz	AC Chapter 111 - Control of Air Pollution from Visible Emissions and Particula	late Matt	er
	E.	Outo	door Burning (continued)		
*		5.	Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	□YES	□NO
*		6.	Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	YES	□NO
*		7.	The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	□YES	□NO
II.	Title	30 T	AC Chapter 112 - Control of Air Pollution from Sulfur Compounds		
	A.	Tem	porary Fuel Shortage Plan Requirements		
		1.	The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	□YES	⊠NO
III.	Title	30 T	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds		
	Α.	App	licability		
•		1.	The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.	⊠YES	□NO
	B.	Stor	age of Volatile Organic Compounds	'	
•		1.	The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	⊠YES	□NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 5					
III.	Title	30 T A	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)
	C.	Indu	strial Wastewater		
		1.	The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.	YES	⊠NO □N/A
		2.	The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.	☐YES	□NO
		3.	The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). If the response to Question III.C.3 is "YES," go to Section III.D.	☐YES	□NO
		4.	The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). If the response to Question III.C.4 is "YES," go to Section III.D.	☐YES	□NO
		5.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	□YES	□NO
		6.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	□YES	□NO
		7.	The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	□YES	□NO
	D.	Load	ling and Unloading of VOCs		
♦		1.	The application area includes VOC loading operations.	⊠YES	□NO
*		2.	The application area includes VOC transport vessel unloading operations. For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.	□YES	⊠NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 6				
III.	Title	30 T A	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)
	D.	Load	ling and Unloading of VOCs (continued)		
*		3.	Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	□YES	⊠NO
	E.	Fillin	ng of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Fac	cilities	
•		1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. If the response to Question III.E.1 is "NO," go to Section III.F.	□YES	⊠NO
*		2.	Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	☐YES	□NO
•		3.	All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.	☐YES	□NO
*		4.	The application area is located in a covered attainment county as defined in 30 TAC § 115.10. If the response to Question III.E.4 is "NO," go to Question III.E.9.	☐YES	□NO
•		5.	Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	□YES	□NO
*		6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	☐YES	□NO
•		7.	At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. If the response to Question III.E.7 is "YES," go to Section III.F.	☐YES	□NO

Date:	07/20/2024
Permit No.:	O-2565
RN No.:	RN102495421

For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 7				
III.	Title	30 TA	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)
	E.	Fillir	ng of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Fac	ilities (co	ntinued)
*		8.	At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. If the response to Question III.E.8 is "YES," go to Section III.F.	□YES	□NO
*		9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	_YES	□NO
*		10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	□YES	□NO
*		11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	☐YES	□NO
•		12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	□YES	□NO
	F.		trol of VOC Leaks from Transport Vessels (Complete this section for GOP app 512, 513 and 514 only)	olications	for GOPs
♦		1.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	YES	□NO □N/A

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Forn	Form OP-REQ1: Page 8				
III.	Title	Fitle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)			d)
	F.		trol of VOC Leaks from Transport Vessels (Complete this section for GOP app 512, 513 and 514 only) (continued)	olications	for GOPs
*		2.	Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	YES	□NO □N/A
♦		3.	Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	□YES	□NO □N/A
	G.	Cont	trol of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing	g Facilitie	S
*		1.	The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks.	□YES	⊠NO □N/A
			If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.		
*		2.	The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	☐YES	□NO
•		3.	The application area includes facilities that began construction prior to November 15, 1992.	□YES	□NO
			If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.		
*		4.	The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	☐YES	□NO
•		5.	The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	□YES	□NO □N/A

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Form OP-REQ1: Page 9					
III.	Title	tle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)			
	Н.	Control Of Reid Vapor Pressure (RVP) of Gasoline			
*		1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County.	YES	□NO ⊠N/A
			If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.		
*		2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	☐YES	□NO
♦		3.	The application area includes a motor vehicle fuel dispensing facility.	□YES	□NO
*		4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	□YES	□NO
	I.	Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries			
		1.	The application area is located at a petroleum refinery.	□YES	⊠NO
	J.	Surface Coating Processes (Complete this section for GOP applications only.)			
*		1.	Surface coating operations (other than those performed on equipment located on- site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	YES	□NO □N/A

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Forn	Form OP-REQ1: Page 10					
III.	Title	tle 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)				
	K.	Cutb	ack Asphalt			
		1.	Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. If the response to Question III.K.1 is "N/A," go to Section III.L.	YES	⊠NO □N/A	
		2.	The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	YES	⊠NO □N/A	
		3.	Asphalt emulsion is used or produced within the application area.	□YES	\boxtimes NO	
		4.	The application area is using an alternate control requirement as specified in 30 TAC § 115.513. If the response to Question III.K.4 is "NO," go to Section III.L.	□YES	⊠NO	
		5.	The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	☐YES	□NO	
		6.	The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	☐YES	□NO	
		7.	The applicant using cutback asphalt is a state, municipal, or county agency.	□YES	□NO	
	L.	Dega	ssing of Storage Tanks, Transport Vessels and Marine Vessels			
♦		1.	The application area includes degassing operations for stationary, marine, and/or transport vessels. If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.	□YES	⊠NO □N/A	
*		2.	Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. If the response to Question III.L.2 is "YES," go to Section III.M.	□YES	□NO □N/A	

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Forn	orm OP-REQ1: Page 11				
III.	Title	30 TA	AC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	(continue	d)
	L.	Dega	ssing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
*		3.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	_YES	□NO □N/A
*		4.	Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	□YES	□NO □N/A
•		5.	Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	□YES	□NO
*		6.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	☐YES	□NO □N/A
*		7.	Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC \S 115.547(5) is performed in the application area.	□YES	□NO □N/A
	M.	Petro	oleum Dry Cleaning Systems		
		1.	The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	YES	⊠NO □N/A

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Form	orm OP-REQ1: Page 12				
III.	. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)			d)	
	N.	Vent	Gas Control (Highly-reactive volatile organic compounds (HRVOC)		
		1.	The application area includes one or more vent gas streams containing HRVOC.	YES	⊠NO □N/A
		2.	The application area includes one or more flares that emit or have the potential to emit HRVOC.	YES	⊠NO □N/A
			If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.		
		3.	All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	□YES	□NO
		4.	All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. If the responses to Questions III.N.3 and III.N.4 are both "NO," go to	□YES	□NO
			Section III.O.		
		5.	The application area contains pressure relief valves that are not controlled by a flare.	☐YES	∐NO
		6.	The application area has at least one vent stream which has no potential to emit HRVOC.	□YES	□NO
		7.	The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	☐YES	□NO
	0.	Cooli	ing Tower Heat Exchange Systems (HRVOC)		
		1.	The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	YES	⊠NO □N/A

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Form	orm OP-REQ1: Page 13				
IV.	Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds				
	A.	Appl	icability		
•		1.	The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H. For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.	⊠YES	□NO
		2.	The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. If the response to Question IV.A.2 is "YES," go to Question IV.H.1.	☐YES	⊠NO
		3.	The application area includes a utility electric generator in an east or central Texas county. See instructions for a list of counties included. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.	□YES	⊠NO
	В.	Utilit	y Electric Generation in Ozone Nonattainment Areas		
		1.	The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. If the response to Question IV.B.1 is "NO," go to Question IV.C.1.	YES	⊠NO
		2.	The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	□YES	□NO

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Forn	Form OP-REQ1: Page 14				
IV.	Title	30 T	AC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continu	ied)	
	C.	Con	nmercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
*		1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.	□YES	⊠NO
*		2.	The application area is located at a site that was a major source of NO_X before November 15, 1992.	□YES	□NO □N/A
*		3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	□YES	□NO
	D.	Adij	pic Acid Manufacturing		
		1.	The application area is located at, or part of, an adipic acid production unit.	□YES	⊠NO □N/A
	Ε.	Nitr	ic Acid Manufacturing - Ozone Nonattainment Areas		
		1.	The application area is located at, or part of, a nitric acid production unit.	□YES	⊠NO □N/A
	F.		nbustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Prionary Engines and Gas Turbines	cocess He	aters,
*		1.	The application area is located at a site that is a minor source of NO _X in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.	☐YES	⊠NO
*		2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	□YES	□NO
*		3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	□YES	□NO

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Fore	orm OP-REQ1: Page 15				
IV.	. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)				
	F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Proc Stationary Engines and Gas Turbines (continued)				
*		4.	The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	□YES □NO	
*		5.	The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	□YES □NO	
		6.	The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. If the response to Question IV.F.6 is "NO," go to Section IV.G.	□YES □NO	
		7.	An ACSS for carbon monoxide (CO) has been approved?	□YES □NO	
		8.	An ACSS for ammonia (NH ₃) has been approved?	□YES □NO	
		9.	Provide the Permit Number(s) and authorization/issuance date(s) of the NSR projeincorporates an ACSS below.	ect(s) that	
	G.	Utili	ty Electric Generation in East and Central Texas		
		1.	The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. If the response to Question IV.G.1 is "NO," go to Question IV.H.1.	□YES ⊠NO	
		2.	The application area is complying with the System Cap in 30 TAC § 117.3020.	□YES □NO	
	Н.	Mul	ti-Region Combustion Control - Water Heaters, Small Boilers, and Process He	aters	
		1.	The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. If the response to question IV.H.1 is "NO," go to Section V.	□YES ⊠NO	
		2.	All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	□YES □NO	

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Forn	Form OP-REQ1: Page 16					
V.		le 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound hission Standards for Consumer and Commercial Products				
	A.	Subp Coat	bile Refi	nish		
		1.	The application area manufactures automobile refinish coatings or coating components and sells or distributes these coatings or coating components in the United States.	☐YES	⊠NO	
		2.	The application area imports automobile refinish coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.	☐YES	⊠NO	
		3.	All automobile refinish coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	□YES	□NO	
	В.	Subpart C - National Volatile Organic Compound Emission Standards for Consum		ner Produ	icts	
		1.	The application area manufactures consumer products for sale or distribution in the United States.	□YES	⊠NO	
		2.	The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	☐YES	⊠NO	
		3.	The application area is a distributor of consumer products whose name appears on the label of one or more of the products. If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.	☐YES	⊠NO	
		4.	All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	□YES	□NO	

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Forn	Form OP-REQ1: Page 17					
V.		Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)				
	C.	Subj	part D - National Volatile Organic Compound Emission Standards for Archite	ctural Co	atings	
		1.	The application area manufactures or imports architectural coatings for sale or distribution in the United States.	□YES	⊠NO	
		2.	The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	□YES	⊠NO	
		3.	All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	□YES	□NO	
	D.	Subj	part E - National Volatile Organic Compound Emission Standards for Aerosol	Coatings	1	
		1.	The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	□YES	⊠NO	
		2.	The application area is a distributor of aerosol coatings for resale or distribution in the United States.	□YES	⊠NO	
	E.	Subj	part F - Control of Evaporative Emissions From New and In-Use Portable Fuel	l Contain	ers	
		1.	The application area manufactures or imports portable fuel containers for sale or distribution in the United States. If the response to Question V.E.1 is "NO," go to Section VI.	_YES	⊠NO	
		2.	All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	□YES	□NO	
VI.	Title	40 C	ode of Federal Regulations Part 60 - New Source Performance Standards			
	A.	A. Applicability				
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. If the response to Question VI.A.1 is "NO," go to Section VII.	⊠YES	□NO	

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Forn	Form OP-REQ1: Page 18						
VI.	Title	e 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)					
	В.	Subp	Subpart Y - Standards of Performance for Coal Preparation and Processing Plants				
		1.	The application area is located at a coal preparation and processing plant. If the response to Question VI.B.1 is "NO," go to Section VI.C.	□YES	□NO		
		2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). If the response to Question VI.B.2 is "NO," go to Section VI.C.	YES	□NO		
		3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. If the response to Question VI.B.3 is "YES," go to Section VI.C.	□YES	□NO		
		4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. If the response to Question VI.B.4 is "NO," go to Section VI.C.	□YES	□NO		
		5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	□YES	□NO		
	C.	Subp	oart GG - Standards of Performance for Stationary Gas Turbines (GOP applic	eants only	·)		
•		1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.	□YES	□NO □N/A		
*		2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. If the response to Question VI.C.2 is "NO," go to Section VI.D.	□YES	□NO		
*		3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	☐YES	□NO		
*		4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	□YES	□NO		

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Forn	Form OP-REQ1: Page 19				
VI.	Title	40 Cc	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)	
	C.	_	oart GG - Standards of Performance for Stationary Gas Turbines (GOP application)	cants only)	
*		5.	One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	YES [□NO
	D.	Subp	part XX - Standards of Performance for Bulk Gasoline Terminals		
		1.	The application area includes bulk gasoline terminal loading racks. If the response to Question VI.D.1 is "NO," go to Section VI.E.	□YES □	□NO □N/A
		2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	□YES □	□NO
	Е.	_	oart LLL - Standards of Performance for Onshore Natural Gas Processing: Sussions	lfur Dioxid	le (SO ₂)
•		1.	The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.	□YES □	□NO
•		2.	The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.	□YES [NO
*		3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.	□YES [NO

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Forn	Form OP-REQ1: Page 20						
VI.	Title	40 C	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)			
	Е.		Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO ₂) Emissions (continued)				
•		4.	Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.	☐YES	□NO		
*		5.	Please provide the Unit ID(s) for the gas sweetening unit(s) that have established operating limits in the space provided below.	federally 6	enforceable		
	F.	Subj	part OOO - Standards of Performance for Nonmetallic Mineral Processing Pla	nts			
		1.	The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. If the response to Question VI.F.1 is "NO," go to Section VI.G.	☐YES	□NO		
		2.	Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	□YES	□NO		
	G.	Subj Syste	part QQQ - Standards of Performance for VOC Emissions from Petroleum Reems	finery Wa	astewater		
		1.	The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. If the response to Question VI.G.1 is "NO," go to Section VI.H.	☐YES	□NO		
		2.	The application area includes storm water sewer systems.	□YES	□NO		

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Forn	n OP-l	REQ1:	Page 21				
VI.	Title	e 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)					
	G.		Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)				
		3.	The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	YES	□NO		
		4.	The application area includes non-contact cooling water systems.	YES	□NO		
		5.	The application area includes individual drain systems. If the response to Question VI.G.5 is "NO," go to Section VI.H.	□YES	□NO		
		6.	The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	□YES	□NO		
		7.	The application area includes completely closed drain systems.	YES	□NO		
	Н.	Cons	part AAAA - Standards of Performance for Small Municipal Waste Incineration truction Commenced After August 30, 1999 or for Which Modification or Recomenced on or After June 6, 2004				
•		1.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.	□YES	□NO □N/A		
*		2.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	□YES	□NO		
*		3.	The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	□YES	□NO		
♦		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.H.4 is "NO," go to Section VI.I.	□YES	□NO		

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Forn	Form OP-REQ1: Page 22						
VI.	Title	40 Cc	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)			
	Н.	Cons	Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)				
*		5.	The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	□YES	□NO		
*		6.	All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐YES	□NO		
*		7.	The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	YES	□NO		
*		8.	All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	☐YES	□NO		
	I.	Unit	Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001				
*		1.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.	□YES	□NO □N/A		
•		2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	□YES	□NO		

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Forn	Form OP-REQ1: Page 23					
VI.	Title	itle 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)				
	I.	Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)				
*		3.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	YES	□NO	
♦		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.I.4 is "NO," go to Section VI.J.	☐YES	□NO	
*		5.	The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	YES	□NO	
*		6.	All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES	□NO	
*		7.	The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	□YES	□NO	
*		8.	All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	YES	□NO	

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Forn	Form OP-REQ1: Page 24					
VI.	Title	40 Cc	ode of Federal Regulations Part 60 - New Source Performance Standards (cont	inued)		
	J.	_	its for W econstruc			
*		1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.	□YES	□NO □N/A	
*		2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	☐YES	□NO	
*		3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	YES	□NO	
•		4.	The application area includes at least one air curtain incinerator. If the response to Question VI.J.4 is "NO," go to Section VI.K.	□YES	□NO	
*		5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. If the response to Question VI.J.5 is "NO," go to Question VI.J.7.	□YES	□NO	
*		6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	☐YES	□NO	
*		7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	YES	□NO	

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Form	Form OP-REQ1: Page 25							
VI.	Title	40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)						
	J.	Cons	Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)					
*		8.	All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	□YES □NO				
*		9.	The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	□YES □NO				
*		10.	The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	□YES □NO				
	K.		oart OOOO - Standards of Performance for Crude Oil and Natural Gas Produ esmission and Distribution	ection,				
♦		1.	The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	□YES □NO				
VII.	Title	40 Ca	ode of Federal Regulations Part 61 - National Emission Standards for Hazardo	ous Air Pollutants				
	A.	Appl	licability					
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.	□YES ⊠NO □N/A				
	В.	Subp	oart F - National Emission Standard for Vinyl Chloride					
		1.	The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	□YES □NO				
	C.		oart J - National Emission Standard for Benzene Emissions for Equipment Leasion Sources) of Benzene (Complete this section for GOP applications only)	nks (Fugitive				
*		1.	The application area includes equipment in benzene service.	□YES □NO □N/A				

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Forn	Form OP-REQ1: Page 26					
VII.		Citle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants continued)				
	D.	_	Subpart L - National Emission Standard for Benzene Emissions from Coke By-Proc Plants			
		1.	□YES □	NO		
		2.	YES []NO		
	3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.				□NO	
	E.	Subpart M - National Emission Standard for Asbestos				
		Applicability				
		1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. If the response to Question VII.E.1 is "NO," go to Section VII.F.		□YES □	NO	
		Road	lway Construction			
		2.	The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	YES [NO	
		Man	ufacturing Commercial Asbestos			
		3. The application area includes a manufacturing operation using commercial asbestos. If the response to Question VII.E.3 is "NO," go to Question VII.E.4.		YES [NO	
			Visible emissions are discharged to outside air from the manufacturing operation	YES []NO	
			b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.		NO	

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Form	Form OP-REQ1: Page 27					
VII.	. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)					
	E.	Subp	art M	- National Emission Standard for Asbestos (continued)		
		Man	ufactu	ring Commercial Asbestos (continued)		
			c.	Asbestos-containing waste material is processed into non-friable forms.	□YES	□NO
			d.	Asbestos-containing waste material is adequately wetted.	☐YES	□NO
			e.	Alternative filtering equipment is being used that has received EPA approval.	☐YES	□NO
			f.	A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	☐YES	□NO
			g.	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	□YES	□NO
		Asbe	stos S _I	pray Application		
		4.	are sp	application area includes operations in which asbestos-containing materials bray applied. response to Question VII.E.4 is "NO," go to Question VII.E.5.	□YES	□NO
			a.	Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. response to Question VII.E.4.a is "YES," go to Question VII.E.5.	☐YES	□NO
			b.	Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	□YES	□NO
			c.	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	☐YES	□NO

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Form	Form OP-REQ1: Page 28						
VII.		Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants continued)					
	Е.	Subpart M - National Emission Standard for Asbestos (continued)					
		Asbesto	os Spray Application (continued)				
		d	. Asbestos-containing waste material is processed into non-friable forms.	□YES □NO			
		e.	. Asbestos-containing waste material is adequately wetted.	□YES □NO			
		f.	Alternative filtering equipment is being used that has received EPA approval.	□YES □NO			
		g	A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	□YES □NO			
		h	The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	□YES □NO			
		Fabrica	ating Commercial Asbestos				
			The application area includes a fabricating operation using commercial asbestos. If the response to Question VII.E.5 is "NO," go to Question VII.E.6.	□YES □NO			
		a	. Visible emissions are discharged to outside air from the manufacturing operation.	□YES □NO			
		b	An alternative emission control and waste treatment method is being used that has received prior EPA approval.	□YES □NO			
		c.	. Asbestos-containing waste material is processed into non-friable forms.	□YES □NO			
		d	. Asbestos-containing waste material is adequately wetted.	YES NO			
		e.	. Alternative filtering equipment is being used that has received EPA approval.	□YES □NO			

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Form	Form OP-REQ1: Page 29					
VII.		40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants tinued)				
	E.	Subpa	art M - National Emission Standard for Asbestos (continued)			
		Fabri	cating Commercial Asbestos (continued)			
			f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES	□NO	
			g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	YES	□NO	
		Non-s	prayed Asbestos Insulation			
			The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	□YES	□NO	
		Asbesi	tos Conversion	•		
			The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	□YES	□NO	
	F.		art P - National Emission Standard for Inorganic Arsenic Emissions from Arselic Arsenic Production Facilities	senic Trio	xide and	
			The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	□YES	□NO	
	G.	Subpa	art BB - National Emission Standard for Benzene Emissions from Benzene Ti	ransfer O _l	perations	
			The application area is located at a benzene production facility and/or bulk terminal. If the response to Question VII.G.1 is "NO," go to Section VII.H.	☐YES	□NO	
			The application area includes benzene transfer operations at marine vessel loading racks.	□YES	□NO	

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Form	Form OP-REQ1: Page 30				
VII.		le 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants ntinued)			
	G.		part BB - National Emission Standard for Benzene Emissions from Benzene Trainued)	ransfer Operations	
		3.	The application area includes benzene transfer operations at railcar loading racks.	□YES □NO	
		4.	The application area includes benzene transfer operations at tank-truck loading racks.	□YES □NO	
	H.	Subp	part FF - National Emission Standard for Benzene Waste Operations		
		Appl	icability		
		1.	The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	□YES □NO	
		2.	The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.	□YES □NO	
		3.	The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. If the response to Question VII.H.3 is "YES," go to Section VIII.	□YES □NO	
		4.	The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). If the response to Question VII.H.4 is "YES," go to Section VIII	□YES □NO	
		5.	The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. If the response to Question VII.H.5 is "YES," go to Section VIII.	□YES □NO	

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Form	Form OP-REQ1: Page 31					
VII.		40 Co	ode of Federal Regulations Part 61 - National Emission Standards for Hazardo	ous Air Po	llutants	
	H.	Subp	oart FF - National Emission Standard for Benzene Waste Operations (continue	ed)		
		Apple	icability (continued)			
		6.	The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	☐YES	□NO	
		7.	The application area has waste streams with flow-weighted annual average water content of 10% or greater.	□YES	□NO	
		Wast	e Stream Exemptions			
		8.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	YES	□NO	
		9.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	□YES	□NO	
		10.	The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	☐YES	□NO	
		11.	The application area transfers waste off-site for treatment by another facility.	YES	□NO	
		12.	The application area is complying with 40 CFR § 61.342(d).	☐YES	□NO	
		13.	The application area is complying with 40 CFR § 61.342(e). If the response to Question VII.H.13 is "NO," go to Question VII.H.15.	YES	□NO	
		14.	The application area has facility waste with a flow weighted annual average water content of less than 10%.	☐YES	□NO	

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Form	Form OP-REQ1: Page 32					
VII.		Citle 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants continued)				
	H.	Subp	oart FF - National Emission Standard for Benzene Waste Operations (continue	ed)		
		Cont	ainer Requirements			
		15.	The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste.	YES	□NO	
			If the response to Question VII.H.15 is "NO," go to Question VII.H.18.			
		16.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers.	YES	□NO	
			If the response to Question VII.H.16 is "YES," go to Question VII.H.18.			
		17.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	YES	□NO	
		Indiv	vidual Drain Systems			
		18.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. If the response to Question VII.H.18 is "NO," go to Question VII.H.25.	□YES	□NO	
		19.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VII.H.19 is "YES," go to Question VII.H.25.	□YES	□NO	
		20.	The application area has individual drain systems complying with 40 CFR § 61.346(a).	YES	□NO	
			If the response to Question VII.H.20 is "NO," go to Question VII.H.22.			
		21.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES	□NO	

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Form	Form OP-REQ1: Page 33					
VII.		Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants continued)				
	H.	Subpart FF - National Emission Standard for Benzene Waste Operations (continued)				
		Individual Drain Systems (continued)				
		22.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VII.H.22 is "NO," go to Question VII.H.25.	YES	□NO	
		23.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	□YES	□NO	
		24.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES	□NO	
		Remediation Activities				
		25.	Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	YES	□NO	
VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories	us Air Po	llutants	
	A.	Appl	licability			
*		1.	The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63.	⊠YES	□NO	
			See instructions for 40 CFR Part 63 subparts made applicable only by reference.			
	В.	Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry				
		1.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). If the response to Question VIII.B.1 is "NO," go to Section VIII.D.	□YES	⊠NO	

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Form OP-I	REQ1:	: Page 34		
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
В.	B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)			nthetic
	2.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). If the response to Question VIII.B.2 is "NO," go to Section VIII.D.	□YES	□NO
	3.	The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	□YES	□NO
	4.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	□YES	□NO
	5.	The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	□YES	□NO

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Form OP-	Form OP-REQ1: Page 35			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater			
	Appl	licability		
	1.	The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. If the response to Question VIII.C.1 is "NO," go to Section VIII.D.	□YES	□NO
	2.	The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	□YES	□NO
	3.	The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.	☐YES	□NO
	4.	The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	□YES	□NO
	5.	The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.	□YES	□NO
	Vapor Collection and Closed Vent Systems			
	6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	□YES	□NO
	7.	Bypass lines in the application area are secured in the closed position with a carseal or a lock-and-key type configuration.	□YES	□NO

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Form OP-1	Form OP-REQ1: Page 36			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)			
	Relo	ading or Cleaning of Railcars, Tank Trucks, or Barges		
	8.	The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.	□YES □NO	
	9.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	□YES □NO	
	10.	The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	□YES □NO	
	Tran	sfer Racks		
	11.	The application area includes Group 1 transfer racks that load organic HAPs.	□YES □NO	
	Proc	ess Wastewater Streams		
	12.	The application area includes process wastewater streams. If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.	□YES □NO	
	13.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.	□YES □NO	
	14.	The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	□YES □NO	
	15.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.	□YES □NO	

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Form OP-REQ1: Page 37			
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)		
	Proc	ess Wastewater Streams (continued)	
	16.	The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	□YES □NO
	17.	The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.	□YES □NO
	18.	The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	□YES □NO
	19.	The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	□YES □NO
	20.	The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	□YES □NO
	21.	The application area includes process wastewater streams, located at existing sources that are Group 2.	□YES □NO
	22.	The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	□YES □NO
	23.	The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	□YES □NO

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Form	Form OP-REQ1: Page 38				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants fr Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Tra and Wastewater (continued)				
		Proc	ess Wastewater Streams (continued)		
		24.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.	□YES	□NO
		25.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	□YES	□NO
		26.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	□YES	□NO
		27.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	□YES	□NO
		28.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.	□YES	□NO
		29.	The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO
		30.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	□YES	□NO

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Form OP-1	Form OP-REQ1: Page 39			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
C.	Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)			
	Drain	ns		
	31.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.	□YES	□NO
	32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO
	33.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	YES	□NO
	34.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.	□YES	□NO
	35.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.	☐YES	□NO
	36.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	□YES	□NO

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Form	Form OP-REQ1: Page 40					
			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pol	lutants	
	C.	Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)				
		Drains (continued)				
		37.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	□YES [NO	
		38.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	□YES [□NO	
		Gas	Streams			
		39.	The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	□YES [□NO	
		40.	The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	□YES [□NO	
	D.	Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks				
		1.	The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	YES [⊠NO	

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Form OP-	REQI	l: Page 41			
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo e Categories (continued)	ous Air Po	ollutants	
E.	. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities				
	1.	The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. If the response to Question VIII.E.1 is "NO," go to Section VIII.F.	YES	⊠NO	
	2.	Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. If the response to Question VIII.E.2 is "NO," go to Section VIII.F.	□YES	□NO	
	3.	The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	□YES	□NO	
	4.	The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	□YES	□NO	
F.	Sub	part Q - National Emission Standards for Industrial Process Cooling Towers			
	1.	The application area includes industrial process cooling towers. If the response to Question VIII.F.1 is "NO," go to Section VIII.G.	□YES	⊠NO	
	2.	Chromium-based water treatment chemicals have been used on or after September 8, 1994.	□YES	□NO	
G.		part R - National Emission Standards for Gasoline Distribution Facilities (Bulkminals and Pipeline Breakout Stations)	k Gasolin	e	
	1.	The application area includes a bulk gasoline terminal.	YES	⊠NO	
	2.	The application area includes a pipeline breakout station. If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.	□YES	⊠NO	
	3.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.	□YES	□NO	

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Form OP-I	Form OP-REQ1: Page 42			
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pollutants	
G.	Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)			
	4.	The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.	□YES □NO	
	5.	An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.	□YES □NO	
	6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.	□YES □NO	
	7.	Emissions screening factor less than 0.5 (ET or EP < 0.5). If the response to Question VIII.G.7 is "YES," go to Section VIII.H.	□YES □NO	
	8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 \leq ET or EP $<$ 1.0). If the response to Question VIII.G.8 is "YES," go to Section VIII.H.	□YES □NO	
	9.	Emissions screening factor greater than or equal to 1.0 (ET or EP \geq 1.0). If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.	□YES □NO	
	10.	The site at which the application area is located is a major source of HAP. If the response to Question VIII.G.10 is "NO," go to Section VIII.H.	□YES □NO	
	11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	□YES □NO	

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Form OP-I	Form OP-REQ1: Page 43				
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants	
Н.	_	Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry			
	1.	The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2.	□YES	⊠NO	
		If the response to Question VIII.H.1 is "NO," go to Section VIII.I.			
	2.	The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3).	□YES	□NO	
		If the response to Question VIII.H.2 is "NO," go to Section VIII.I.			
	3.	The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources.	□YES	□NO	
		If the response to Question VIII.H.3 is "NO," go to Section VIII.I.			
	4.	The application area includes one or more kraft pulping systems that are existing sources.	☐YES	□NO	
	5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	□YES	□NO	
	6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. If the response to Question VIII.H.6 is "NO," go to Section VIII.I.	☐YES	□NO	
	7.				
	7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	☐YES	∐NO	
	8.	The application area includes bleaching systems that are complying with 40 CFR \S 63.440(d)(3)(ii).	□YES	□NO	

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Form	OP-R	EQ1:	Page 44		
			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
	I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning				
		1.	The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	□YES	⊠NO
		2.	The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	□YES	⊠NO
		3.	The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	□YES	⊠NO
	J.	_	part U - National Emission Standards for Hazardous Air Pollutant Emissions: Resins	Group 1	Polymers
		1.	The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. If the response to Question VIII.J.1 is "NO," go to Section VIII.K.	□YES	⊠NO
		2.	Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. If the response to Question VIII.J.2 is "NO," go to Section VIII.K.	□YES	□NO
		3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	☐YES	□NO
		4.	The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	□YES	□NO

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Form OP-	Form OP-REQ1: Page 45				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
J.	J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: and Resins (continued)				
	5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.	YES	□NO	
	6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.	□YES	□NO	
	7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES	□NO	
	8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO	
	9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.	□YES	□NO	
	10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES	□NO	

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Form	Form OP-REQ1: Page 46					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	J.	Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)				
		Conte	ainers			
		11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES	□NO	
		Drain	ns			
		12.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.	□YES	□NO	
		13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO	
		14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	YES	□NO	
		15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. If the response to Question VIII.J.15 is "NO," go to Section VIII.K.	☐YES	□NO	
		16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	☐YES	□NO	

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	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
J.		Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymer and Resins (continued)				
	Drai	ns (continued)				
	17.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	☐YES	□NO		
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES	□NO		
	19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐YES	□NO		
K.		oart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Non-nylon Polyamides Production	Resins P	roduction		
	1.	The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.	YES	⊠NO □N/A		
	2.	The application area includes a BLR and/or WSR research and development facility.	☐YES	□NO		

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VIII.		Citle 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	L.	Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting				
		1.	The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.	☐YES	⊠NO □N/A	
		2.	The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	□YES	□NO	
	M.	Subj	part Y - National Emission Standards for Marine Tank Vessel Loading Operat	ions		
		1.	The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	☐YES	⊠NO	
	N.	Subj	part CC - National Emission Standards for Hazardous Air Pollutants from Pet	roleum R	efineries	
		Appl	licability			
		1.	The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). If the response to Question VIII.N.1 is "NO," go to Section VIII.O.	□YES	⊠NO	
		2.	All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). If the response to Question VIII.N.2 is "YES," go to Section VIII.O.	☐YES	□NO	

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	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	N.	Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petr (continued)			efineries
		Appli	icability (continued)		
		3.	The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). If the response to Question VIII.N.3 is "NO," go to Section VIII.O.	□YES	□NO
		4.	The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC.	□YES	□NO
			If the response to Question VIII.N.4 is "NO," go to Section VIII.O.		
		5.	The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	YES	□NO
		6.	The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	☐YES	□NO
		7.	The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. If the response to Question VIII.N.7 is "NO," go to Section VIII.O.	☐YES	□NO
		8.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	□YES	□NO

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Form OP-REQ1: Page 50						
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
N.		Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)				
	Appl	icability (continued)				
	9.	The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). If the response to Question VIII.N.9 is "NO," go to Section VIII.O.	□YES	□NO		
	10.	The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	□YES	□NO		
	Cont	tainers, Drains, and other Appurtenances				
	11.	The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	□YES	□NO		
	12.	The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	YES	□NO		
0.	Subp	part DD - National Emission Standards for Off-site Waste and Recovery Opera	ations			
	1.	The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P	YES	⊠NO □N/A		
	2.	Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	□YES	□NO		
	3.	The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	□YES	□NO		

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Form OP-	Form OP-REQ1: Page 51				
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Pol	llutants	
0.	O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operat				
	4.	The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	□YES	□NO	
	5.	The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a "state" or "municipality."	☐YES	□NO	
	6.	The predominant activity in the application area is the treatment of wastewater received from off-site.	□YES	□NO	
	7.	The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	□YES	□NO	
	8.	The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	YES	□NO	
	9.	The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	□YES	□NO	
	10.	The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. If the response to Question VIII.O.10 is "YES," go to Section VIII.P.	□YES	□NO	

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Form OP-REQ1: Page 52					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
0.	Subp	oart DD - National Emission Standards for Off-site Waste and Recovery Opera	ations (co	ntinued)	
	11.	The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.	□YES	□NO	
	12.	VOHAP concentration is determined by direct measurement.	□YES	□NO	
	13.	VOHAP concentration is based on knowledge of the off-site material.	□YES	□NO	
	14.	The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.	□YES	□NO	
	15.	An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	☐YES	□NO	
	16.	An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	□YES	□NO	
	17.	The application area includes containers that manage non-exempt off-site material.	☐YES	□NO	
	18.	The application area includes individual drain systems that manage non-exempt off-site materials.	☐YES	□NO	

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Form	Form OP-REQ1: Page 53					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	P.	Subp	part $\mathbf{G}\mathbf{G}$ - National Emission Standards for Aerospace Manufacturing and Rev	vork Faci	lities	
		1.	The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.	□YES	⊠NO □N/A	
		2.	The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	□YES	□NO	
	Q.		oart HH - National Emission Standards for Hazardous Air Pollutants From Oi luction Facilities.	l and Nat	tural Gas	
*		1.	The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	☐YES	⊠NO	
•		2.	The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R. For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.	□YES	⊠NO	
*		3.	The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.	□YES	□NO	
*		4.	The application area is located at a site that is a major source of HAP. If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.	□YES	□NO	

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Form	Form OP-REQ1: Page 54					
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	Q.		oart - HH - National Emission Standards for Hazardous Air Pollutants From (uction Facilities (continued)	Oil and N	atural Gas	
*		5.	The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z. For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.	□YES	□NO	
*		6.	The application area includes a triethylene glycol (TEG) dehydration unit. For SOP applications, f the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.	□YES	□NO	
*		7.	The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	□YES	□NO	
*		8.	The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	□YES	□NO	
*		9.	Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	☐YES	□NO	

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Form	Form OP-REQ1: Page 55				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	R.	Subp	oart II - National Emission Standards for Shipbuilding and Ship Repair (Surfa	ce Coatir	ıg)
		1.	The application area includes shipbuilding or ship repair operations. If the response to Question VIII.R.1 is "NO," go to Section VIII.S.	□YES	⊠NO
		2.	Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	□YES	□NO
	S.	Subp	oart JJ - National Emission Standards for Wood Furniture Manufacturing Op	erations	
		1.	The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.	□YES	⊠NO □N/A
		2.	The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	☐YES	□NO
	T.	Subp	part KK - National Emission Standards for the Printing and Publishing Indust	ry	
		1.	The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	□YES	⊠NO □N/A
	U.	Subp	oart PP - National Emission Standards for Containers		
		1.	The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. If the response to Question VIII.U.1 is "NO," go to Section VIII.V.	☐YES	⊠NO
		2.	The application area includes containers using Container Level 1 controls.	☐YES	□NO
		3.	The application area includes containers using Container Level 2 controls.	□YES	□NO

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Form O	P-R	EQ1:	Page 56		
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
U	ī.	Subp	part PP - National Emission Standards for Containers (continued)		
		4.	The application area includes containers using Container Level 3 controls.	YES	□NO
V	·	Subp	part RR - National Emission Standards for Individual Drain Systems		
		1.	The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	YES	⊠NO
W		_	oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards	ce Catego	ries -
		1.	The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	□YES	⊠NO
		2.	The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.	YES	⊠NO
		3.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	☐YES	□NO
		4.	The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	□YES	□NO
		5.	All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	□YES	□NO
		6.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.	□YES	□NO

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Form OP-I	Form OP-REQ1: Page 57				
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	llutants	
W.	Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Generic Maximum Achievable Control Technology Standards (continued)			ries -	
	7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES	□NO	
	8.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO	
	9.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.	□YES	□NO	
	10.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO	
	11.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	YES	□NO	
	12.	The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.	YES	□NO	
	13.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	□YES	□NO	
	14.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	☐YES	□NO	

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Form	Form OP-REQ1: Page 58				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	W.		part YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Catego	ories -
		15.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.	□YES	□NO
		16.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	□YES	□NO
		17.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	☐YES	□NO
		18.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	☐YES	□NO

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Form	Form OP-REQ1: Page 59				
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
	W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)				ries -
		19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	☐YES	□NO
		20.	The application area includes an ethylene production process unit.	□YES	⊠NO □N/A
		21.	The application area includes waste streams generated from an ethylene production process unit. If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.	□YES	⊠NO □N/A
		22.	The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.	☐YES	□NO
		23.	Waste stream(s) are transferred off-site for treatment. If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.	□YES	□NO
		24.	The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.	□YES	□NO

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Form OP-	Form OP-REQ1: Page 60			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.		oart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categori	es -
	25.	The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	YES [□NO
	26.	The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.	□YES [□NO
	27.	The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.	□YES □	□NO
	28.	The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.	YES [□NO
	29.	The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	□YES □	NO
	30.	The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.	□YES □	NO
	31.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	YES [□NO

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Forn	Form OP-REQ1: Page 61					
VIII	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)					
	W.	V. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)				
		32.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. If the response to Question VIII.W.32 is required, go to Question VIII.W.43.	☐YES	□NO	
		33.	The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.	☐YES	□NO	
		34.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.	□YES	□NO	
		35.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	YES	□NO	
		36.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.	□YES	□NO	
		37.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.	□YES	□NO	

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Form OP-1	REQ1:	Page 62		
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
W.	Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)			
	38.	The application area has individual drain systems complying with 40 CFR § 61.346(a). If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.	□YES □NO	
	39.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES □NO	
	40.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.	□YES □NO	
	41.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	□YES □NO	
	42.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES □NO	
	43.	The application area has at least one waste stream that contains benzene. If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.	□YES □NO	
	44.	The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.	□YES □NO	
	45.	The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.	□YES □NO	

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Form OP-	Form OP-REQ1: Page 63				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
W.	W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)				
	46.	Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	□YES	□NO	
	47.	The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.	□YES	□NO	
	48.	The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.	□YES	□NO	
	49.	The application area has individual drain systems complying with 40 CFR § 61.346(a). If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.	□YES	NO	
	50.	Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	□YES	NO	
	51.	The application area has individual drain systems complying with 40 CFR § 61.346(b). If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.	□YES	□NO	
	52.	Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	□YES	NO	

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	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	W.		eart YY - National Emission Standards for Hazardous Air Pollutants for Sourceric Maximum Achievable Control Technology Standards (continued)	ce Categories -
		53.	Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	□YES □NO
		54.	The application area contains a cyanide chemicals manufacturing process. If the response to Question VIII.W.54 is "NO," go to Section VIII.X.	□YES ⊠NO
		55.	The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	□YES □NO
	X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins			s: Group IV
		1.	The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.	□YES ⊠NO
		2.	The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.	□YES □NO
		3.	All process wastewater streams generated or managed in the application area are from sources producing polystyrene. If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.	□YES □NO
		4.	All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.	□YES □NO

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Form OP-F	Form OP-REQ1: Page 65			
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	llutants
X.		part JJJ - National Emission Standards for Hazardous Air Pollutant Emissions mers and Resins (continued)	s: Group l	IV
	5.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	□YES	□NO
	6.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	□YES	□NO
	7.	The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	□YES	□NO
	8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.	YES	□NO
	9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.	□YES	□NO
	10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	☐YES	□NO
	11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	□YES	□NO
	12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.	□YES	□NO

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Form OP-I	Form OP-REQ1: Page 66			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
Х.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)			
	13.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	□YES	□NO
	Cont	ainers		
	14.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	☐YES	□NO
	Drai	ns		
	15.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.	□YES	□NO
	16.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO
	17.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	□YES	□NO
	18.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.	☐YES	□NO

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Form OP-	Form OP-REQ1: Page 67			
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
X.	Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)			
	Drain	ns (continued)		
	19.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.	□YES □N	Ю
	20.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	□YES □N	1 O
	21.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	YES N	VO
	22.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	YES N	NO

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Form	ı OP-l	REQ1	: Page 68	
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
	Y.		part UUU - National Emission Standards for Hazardous Air Pollutants for Petallytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	roleum Refineries:
		1.	The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	□YES ⊠NO
	Z.		part AAAA - National Emission Standards for Hazardous Air Pollutants for M te (MSW) Landfills.	lunicipal Solid
*		1.	The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	⊠YES □NO
	AA.		part FFFF - National Emission Standards for Hazardous Air Pollutants for Mi anic Chemical Production and Processes (MON)	scellaneous
		1.	The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	□YES ⊠NO
		2.	The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	□YES ⊠NO
		3.	The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.	□YES ⊠NO
		4.	The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.	□YES □NO

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Form OP-1	Form OP-REQ1: Page 69				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
AA.	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Mis Organic Chemical Production and Processes (MON) (continued)			ıs	
	5.	The application area includes process wastewater streams. If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.	□YES	□NO	
	6.	The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	☐YES	□NO	
	7.	The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	□YES	□NO	
	8.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.	□YES	□NO	
	9.	The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.	□YES	□NO	
	10.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	□YES	□NO	
	11.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	☐YES	□NO	
	12.	Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.	☐YES	□NO	

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Form OP-REQ1: Page 70				
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)			
AA.		part FFFF - National Emission Standards for Hazardous Air Pollutants for Minic Chemical Production and Processes (MON) (continued)	scellaneo	ıs
	13.	Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.	YES	□NO
	14.	The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	☐YES	□NO
	15.	Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.	□YES	□NO
	16.	The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	☐YES	□NO
	17.	The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	☐YES	□NO
	18.	The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	□YES	□NO
	19.	The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.	□YES	□NO
	20.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	☐YES	□NO

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Forn	ı OP-l	REQ1:	Page 71		
VIII.			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
	AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Mis Organic Chemical Production and Processes (MON) (continued)			scellaneo	us
		21.	The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	□YES	□NO
		22.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.	☐YES	□NO
		23.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.	□YES	□NO
		24.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	□YES	□NO
		25.	The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	□YES	□NO
		26.	The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	YES	□NO

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			ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	ous Air Po	ollutants
A	AA.		Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellane Organic Chemical Production and Processes (MON) (continued) Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent or Vegetable Oil Production.		
I	BB.	_			
		1.	The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	YES	⊠NO
(CC.	Subp	part GGGGG - National Emission Standards for Hazardous Air Pollutants: Si	te Remed	iation
		1.	The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	□YES	⊠NO
		2.	The application area is located at a site that is a major source of HAP. If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.	□YES	□NO
		3.	All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.	☐YES	□NO
		4.	Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.	□YES	□NO
		5.	The site remediation will be completed within 30 consecutive calendar days.	YES	□NO
		6.	No site remediation will exceed 30 consecutive calendar days. If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.	□YES	□NO
		7.	Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	□YES	□NO
		8.	All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. If the answer to Ouestion VIII.CC.8 is "YES," go to Section VIII.DD.	□YES	□NO

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Form OP-	REQ1.	Page 73				
		ode of Federal Regulations Part 63 - National Emission Standards for Hazardo Categories (continued)	us Air Pollutants			
CC.	_	Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)				
	9.	The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.	□YES □NO			
	10.	The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	□YES □NO			
	11.	The application area includes containers with a capacity greater than 0.46 m³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	□YES □NO			
	12.	The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	□YES □NO			
	13.	The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	□YES □NO			
	14.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	□YES □NO			
DD.	_	oart YYYYY - National Emission Standards for Hazardous Air Pollutants for Arc Furnace Steelmaking Facilities	Area/Sources:			
	1.	The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.	□YES ⊠NO			
	2.	The EAF steelmaking facility is a research and development facility. If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.	□YES □NO			
	3.	Metallic scrap is utilized in the EAF.	□YES □NO			
	4.	Scrap containing motor vehicle scrap is utilized in the EAF.	□YES □NO			
	5.	Scrap not containing motor vehicle scrap is utilized in the EAF.	□YES □NO			

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Form OP-REQ1: Page 74					
	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)				
EE.		Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for S Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities			
	1.	The application area is located at a site that is an area source of HAPs. If the answer to Question EE.1 is "NO," go to Section VIII.FF.	⊠YES	□NO	
	2.	The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	□YES	⊠NO	
	3.	The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	□YES	⊠NO	
	4.	The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.	☐YES	⊠NO	
	5.	The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	☐YES	□NO	
	6.	The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.	☐YES	⊠NO	
	7.	The bulk gasoline terminal has throughput of less than 250,000 gallons per day. If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.	□YES	□NO	
	8.	The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	□YES	□NO	
	9.	The bulk gasoline terminal loads gasoline into railcar cargo tanks. If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.	□YES	□NO	
	10.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	□YES	□NO	

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Forn	Form OP-REQ1: Page 75						
VIII.	VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)						
	EE.		Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)				
		11.	The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	□YES	□NO		
	FF.	_	part CCCCCC - National Emission Standards for Hazardous Air Pollutants fo bline Dispensing Facilities	r Source	Category:		
*		1.	The application area is located at a site that is an area source of hazardous air pollutants. If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.	⊠YES	□NO		
*		2.	The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.	□YES	⊠NO		
•		3.	The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	YES	□NO		
*		4.	The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	YES	□NO		
	GG.	Rece	ently Promulgated 40 CFR Part 63 Subparts				
•		1.	The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.	YES	⊠NO		
*		2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	,			

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Form	Form OP-REQ1: Page 76					
IX.	Title	Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions				
	A.	Appl	licability			
♦		1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	YES	⊠NO	
Χ.	Title	40 C	ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphe	eric Ozon	e	
	A.	Subp	oart A - Production and Consumption Controls			
*		1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	□YES	⊠NO □N/A	
	В.	Subp	oart B - Servicing of Motor Vehicle Air Conditioners			
♦		1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	YES	⊠NO	
	C.	Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances				
*		1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	□YES	⊠NO □N/A	
	D.	Subp	oart D - Federal Procurement			
•		1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	□YES	⊠NO □N/A	
	E.	Subp	part E - The Labeling of Products Using Ozone Depleting Substances			
*		1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	☐YES	⊠NO □N/A	
•		2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	□YES	⊠NO □N/A	
*		3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	☐YES	⊠NO □N/A	

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Forn	Form OP-REQ1: Page 77					
X.		e 40 Co tinued	ode of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratosphol)	eric Ozon	e	
	F.	Subp	part F - Recycling and Emissions Reduction			
*		1.	Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	_YES	⊠NO	
*		2.	Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	□YES	⊠NO □N/A	
*		3.	The application area manufactures appliances or refrigerant recycling and recovery equipment.	□YES	⊠NO □N/A	
	G.	Subp	part G - Significant New Alternatives Policy Program			
•		1.	The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.	□YES	⊠NO □N/A	
*		2.	All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	□YES	□NO □N/A	
	H.	Subp	part H -Halon Emissions Reduction			
*		1.	Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	□YES	⊠NO □N/A	
•		2.	Disposal of halons or manufacturing of halon blends is conducted in the application area.	□YES	⊠NO □N/A	
XI.	Miso	ellane	eous			
	A.	Requ	uirements Reference Tables (RRT) and Flowcharts			
		1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	⊠YES	□NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 78				
XI.	Misc	Miscellaneous (continued)			
	В.	Form			
*		1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.	⊠YES	□NO □N/A
*		2.	Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subpivision designation for the State regulation(s) in the space provided below. 40 CFR 62 Federal Plan Subpart OOO (for landfill gas treatment systems)	bchapter,	<mark>and</mark>
	C.	Emis	sion Limitation Certifications		
*		1.	The application area includes units for which federally enforceable emission limitations have been established by certification.	☐YES	⊠NO
	D.	Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements			
		1.	The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	☐YES	⊠NO
		2.	The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	☐YES	⊠NO
		3.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.	□YES	⊠NO
		4.	The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.	□YES	⊠NO

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Forn	Form OP-REQ1: Page 79						
XI.	Misc	ellane	rellaneous (continued)				
	E.	Title					
		1.	The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	YES	⊠NO		
		2.	The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	YES	⊠NO		
		3.	The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	YES	⊠NO		
	F.		FR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_X (up 2 Trading Program)zone Sea	son		
		1.	The application area includes emission units subject to the requirements of the CSAPR NO _X Ozone Season Group 2 Trading Program.	□YES	⊠NO		
			If the response to Question XI.F.1 is "NO," go to Question XI.F.7.				
		2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	YES	∐NO		
		3.	The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _X , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	☐YES	□NO		
		4.	The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _X , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	YES	□NO		
		5.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _X and heat input.	☐YES	□NO		
		6.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _X and heat input.	☐YES	□NO		
		7.	The application area includes emission units that qualify for the CSAPR NO _X Ozone Season Group 2 retired unit exemption.	YES	⊠NO		

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For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 80					
XI.	II. Miscellaneous (continued)					
	G.	G. 40 CFR Part 97, Subpart FFFFF - Texas SO ₂ Trading Program				
		1.	The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. If the response to Question XI.G.1 is "NO," go to Question XI.G.6.	_YES	⊠NO	
		2.	The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	YES	□NO	
		3.	The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	☐YES	□NO	
		4.	The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	☐YES	□NO	
		5.	The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	□YES	□NO	
		6.	The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	□YES	⊠NO	
	H.	Pern	nit Shield (SOP Applicants Only)			
		1.	A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	⊠YES	□NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form	Form OP-REQ1: Page 81				
XI.	Misc	ellane	ous (continued)		
	I.	GOP	Type (Complete this section for GOP applications only)		
*		1.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	□YES	□NO
*		2.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	☐YES	□NO
*		3.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	□YES	□NO
•		4.	The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	□YES	□NO
*		5.	The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	☐YES	□NO
	J.	Title	30 TAC Chapter 101, Subchapter H		
•		1.	The application area is located in a nonattainment area. If the response to Question XI.J.1 is "NO," go to question XI.J.3.	⊠YES	□NO
*		2.	The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐YES	⊠NO □N/A
*		3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	☐YES	⊠NO □N/A

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For SOP applications, answer ALL questions unless otherwise directed.

Forn	Form OP-REQ1: Page 82					
XI.	Misc	ellane	ous (continued)			
	J.	Title	30 TAC Chapter 101, Subchapter H (continued)			
*		4.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO_X .	⊠YES	□NO	
♦		5.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	YES	⊠NO	
*		6.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	□YES	⊠NO	
*		7.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	□YES	⊠NO	
	K.	Perio	odic Monitoring			
*		1.	The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	□YES	⊠NO	
*		2.	The permit currently contains at least one periodic monitoring requirement. If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.	⊠YES	□NO	
*		3.	All periodic monitoring requirements are being removed from the permit with this application.	□YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 83							
XI.	I. Miscellaneous (continued)						
	L. Compliance Assurance Monitoring						
*		1.	The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. If the response to Question XI.L.1 is "NO," go to Section XI.M.	□YES	⊠NO		
•		2.	The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. If the response to Question XI.L.2 is "NO," go to Section XI.M.	_YES	□NO		
*		3.	The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	☐YES	□NO		
*		4.	The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.	☐YES	□NO		
		5.	The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	□YES	□NO		
		6.	Provide the unit identification numbers for the units for which the applicant is sub-implementation plan and schedule in the space below.	omitting a	CAM		
*		7.	At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	□YES	□NO		
*		8.	All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). If the response to Question XI.L.8 is "YES," go to Section XI.M.	YES	□NO		

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For SOP applications, answer ALL questions unless otherwise directed.

Form	Form OP-REQ1: Page 84						
XI.	Misc	cellaneous (continued)					
	L.	Com					
•		9.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	_YES	□NO		
•		10.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	☐YES	□NO		
•		11.	At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	□YES	□NO		
*		12.	The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	☐YES	□NO		
	M.	Title	30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Co	mpliance	Times		
•		1.	The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.	_YES	□NO ⊠N/A		
*		2.	All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	YES	□NO		
XII.	New	Sourc	e Review (NSR) Authorizations				
	A.	Wast	e Permits with Air Addendum				
•		1.	The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.	□YES	⊠NO		

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For SOP applications, answer ALL questions unless otherwise directed.

Form	Form OP-REQ1: Page 85					
XII.	New	Sourc	e Review (NSR) Authorizations (continued)			
	В.	Air (Quality Standard Permits			
*		1.	The application area includes at least one Air Quality Standard Permit NSR authorization. If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.	□YES	⊠NO	
•		2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	□YES	□NO	
*		3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	☐YES	□NO	
*		4.	The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	YES	□NO	
*		5.	The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	☐YES	□NO	
*		6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	☐YES	□NO	
*		7.	The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	YES	□NO	
		8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	☐YES	□NO	
•		9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	☐YES	□NO	
•		10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	☐YES	□NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 86						
XII.	New Source Review (NSR) Authorizations (continued)					
	B.	Air (Quality Standard Permits (continued)			
♦		11.	The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	□YES	□NO	
*		12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. If the response to XII.B.12 is "NO," go to Question XII.B.15.	YES	□NO	
*		13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	☐YES	□NO	
♦		14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	□YES	□NO	
•		15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	□YES	□NO	
•		16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	□YES	□NO	
	C.	Flexible Permits				
		1.	The application area includes at least one Flexible Permit NSR authorization.	□YES	⊠NO	
	D.	Mult	iple Plant Permits			
		1.	The application area includes at least one Multi-Plant Permit NSR authorization.	□YES	⊠NO	

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For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 87								
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)								
E. PSD Permits and	d PSD M	Iajor Pollutants						
PSD Permit No.: PSDTX973		Issuance Date: 07/02/	<mark>'2021</mark>	Pollutant(s):				
PSD Permit No.:		Issuance Date:		Pollutant(s):				
PSD Permit No.:		Issuance Date:		Pollutant(s):				
PSD Permit No.:		Issuance Date:		Pollutant(s):				
If PSD Permits are held for th Technical Forms heading at:				0 2				
F. Nonattainment ((NA) Per	rmits and NA Major	Pollutar	nts				
NA Permit No.: N032		Issuance Date: 07/02/	<mark>'2021</mark>	Pollutant(s):				
NA Permit No.:		Issuance Date:		Pollutant(s):				
NA Permit No.:		Issuance Date:		Pollutant(s):				
NA Permit No.:		Issuance Date:		Pollutant(s):				
If NA Permits are held for the Technical Forms heading at:								
G. NSR Authorizat	ions wit	h FCAA § 112(g) Rec	quireme	nts				
NSR Permit No.:	Issuance	e Date:	NSR Pe	ermit No.:	Issuance Date:			
NSR Permit No.:	Issuance	e Date: NS		ermit No.:	Issuance Date:			
NSR Permit No.:	Issuance	e Date: NSR		ermit No.:	Issuance Date:			
NSR Permit No.:	Issuance	e Date:	NSR Pe	ermit No.:	Issuance Date:			
	-		,	Standard Permits, Ot mits) for the Applicat				
Authorization No.: 44278	Issuance	e Date: 07/02/2021	Authori	zation No.:	Issuance Date:			
Authorization No.:	Issuance	ce Date: Authoriz		zation No.:	Issuance Date:			
Authorization No.:	e Date: Authori		zation No.:	Issuance Date:				

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For SOP applications, answer ALL questions unless otherwise directed.

Form OP-REQ1: Page 88						
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)						
♦ I. Permits by Rule (30 TA	I. Permits by Rule (30 TAC Chapter 106) for the Application Area					
A list of selected Permits by Rule (pro FOP application is available in the in	eviously referred to as standard exemptions) that are required to be listed in the astructions.					
PBR No.: 106.263 (MSS)	Version No./Date: 11/01/2001					
PBR No.: 106.472 (Loading)	Version No./Date: 09/04/2000					
PBR No.: 106.492 (FLARE)	Version No./Date: 09/04/2000					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
♦ J. Municipal Solid Waste	and Industrial Hazardous Waste Permits With an Air Addendum					
Permit No.:	Issuance Date:					
Permit No.:	Issuance Date:					
Permit No.:	Issuance Date:					

Applicable Requirements Summary Form OP-REQ3 (Page 1) Federal Operating Permit Program

Table 1a: Additions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	62000-TREAT	NMOC	Federal Plan OOO	§62.16714(c)(3)

Applicable Requirements Summary Form OP-REQ3 (Page 2) Federal Operating Permit Program

Table 1b: Additions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	GASTREAT2	62000-TREAT	NMOC	§62.16722(g)	§62.16726(b)(5)	None

Applicable Requirements Summary Form OP-REQ3 (Page 3) Federal Operating Permit Program

Table 2a: Deletions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC	NSPS WWW	§60.752(b)(2)(iii)(C) & (iv) §60.753(f)

Applicable Requirements Summary Form OP-REQ3 (Page 4) Federal Operating Permit Program

Table 2b: Deletions

Date: 07/20/2024	Regulated Entity No.: RN102495421	Permit No.: O-2565
Company Name: TX LFG Energy, LP	Area Name: Humble Renewable Energy Plant	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
2	GASTREAT2	OP-UA1	60WWW-TREAT	NMOC	None	None	None

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date: 07/20/2024	Regulated Entity No.: RN10249	95421	Permit No.: O-2565
Company Name: TX LFG	Energy, LP	Area Na	me: Humble Renewable Energy Plant

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A.	Compliance Plan — Future Activity Committal Statement					
As that	The Responsible Official commits, utilizing reasonable effort, to the following: as the responsible official it is my intent that all emission units shall continue to be in compliance with all pplicable requirements they are currently in compliance with, and all emission units shall be in compliance y the compliance dates with any applicable requirements that become effective during the permit term.					
В.	Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)					
1.	With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	⊠ YES □ NO				
2.	Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	☐ YES ⊠ NO				
3.	If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. (For reference only)					
*	For Site Operating Permits (SOPs), the complete application should be consulted for apprequirements and their corresponding emission units when assessing compliance status For General Operating Permits (GOPs), the application documentation, particularly For should be consulted as well as the requirements contained in the appropriate General For TAC Chapter 122.	s. m OP-REQ1				
	Compliance should be assessed based, at a minimum, on the required monitoring, test keeping, and/or reporting requirements, as appropriate, associated with the applicable question.					

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date: 07/20/2024	Regulated Entity No.: RN102495421		Permit No.: O-2565
Company Name: TX LFG Energy, LP		Area Name: Humble Renewable Energy Plant	
Part 2			

Part 2						
A. Compliance Schedule	Compliance Schedule					
If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. (See form instruction for details.) If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.						
Specific Non-Compliance Situation						
Unit/Group/Process ID No.(s):						
SOP Index No.:						
Pollutant:						
Applicable Requirement						
Citatio	n		Text Description			
2. Compliance Status As	sessment Method and I	Records Loca	ition			
Citation	Text Descri	ption	Location of Records/Documentation			
3. Non-compliance Situation Description						
4. Corrective Action Plan Description						
5. List of Activities/Milestones to Implement the Corrective Action Plan						

Texas Commission on Environmental Quality Form OP-ACPS Application Compliance Plan and Schedule

Date	Date: 07/20/2024 Regulated Entity No.: RN1024		195421	Permit No.: O-2565		
Company Name: TX LFG Energy, LP		Area Na	Area Name: Humble Renewable Energy Plant			
Part 2 (continued)						
6.	6. Previously Submitted Compliance Plan(s)					
	Type of Action		Date Submitted			
7.	7. Progress Report Submission Schedule					