

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized? LEX II GENERATOR

Does the site have a physical address? No

Because there is no physical address, describe how to locate this site: BLK 73, SEC 1, A-2077.
ROUGHLY 21.20 MILES SW OF ANDREWS, TX.

City ANDREWS

State TX

ZIP 79714

County ANDREWS

Latitude (N) (##.#####) 32.161678

Longitude (W) (-###.#####) -102.86068

Primary SIC Code

Secondary SIC Code

Primary NAICS Code

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN111981288

What is the name of the Regulated Entity (RE)? LEX II GENERATOR

Does the RE site have a physical address? No

Because there is no physical address, describe how to locate this site: BLK 73, SEC 1, A-2077.
ROUGHLY 21.20 MILES SW OF ANDREWS, TX.

City ANDREWS

State TX

ZIP 79714

County ANDREWS

Latitude (N) (##.#####) 32.161678

Longitude (W) (-###.#####) -102.86068

Facility NAICS Code

What is the primary business of this entity? POWER GENERATOR

Customer (Applicant) Information

How is this applicant associated with this site? Owner Operator

What is the applicant's Customer Number (CN)? CN606195709

Type of Customer Partnership

Full legal name of the applicant:

Legal Name NGL Water Solutions Permian, LLC

Texas SOS Filing Number 804955238

Federal Tax ID

State Franchise Tax ID 13204127727

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees

Independently Owned and Operated? No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name NGL Water Solutions Permian LLC

Prefix MR

First Jon

Middle

Last Jiang

Suffix

Credentials

Title VP, Engineering

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 865 ALBION ST

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

City DENVER

State CO

ZIP 80220

Phone (###-###-####) 3038151010

Extension

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

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

E-mail joseph.vargo@nglep.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact? Responsible Official Contact

Organization Name NGL Water Solutions Permian LLC

Prefix MR

First Jon

Middle

Last Jiang

Suffix

Credentials

Title VP, Engineering

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 865 ALBION ST

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

City DENVER

State CO

ZIP 80220

Phone (###-###-####) 3038151010

Extension

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

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

E-mail joseph.vargo@nglep.com

Title V General Information - New

1) Permit Latitude Coordinate: 32 Deg 9 Min 42 Sec

2) Permit Longitude Coordinate: 102 Deg 51 Min 38 Sec

3) Is this submittal a new application or an update to an existing application? New Application

3.1. What type of Federal Operating Permit are you applying for? SOP

3.2. Is this submittal an abbreviated or a full application? Full

3.3. Is this application for a portable facility? No

3.4. Is the site a non-major source subject to the Federal Operating Permit Program? No

3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion? No

3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? No

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

Title V Attachments New

Attach OP-1 (Site Information Summary)

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-SUM (Individual Unit Summary)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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 NGL Microgrid Title V Permit Full Application.pdf

Hash B385622DFB5CE5537C5C84886E12FF1B89F35F0274221C4C6B73ADBB37081C1F

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? Yes

1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state? Yes

1.2. Select the applicable expedited surcharge. \$10,000

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 Joseph Vargo, the owner of the STEERS account ER105405.

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 New.

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

OWNER OPERATOR Signature: Joseph Vargo OWNER OPERATOR

Account Number: ER105405

Signature IP Address: 97.118.219.95

Signature Date: 2024-08-30

Signature Hash:

B5E645B69010E29A085CF1C54EEA0EEB3DBF29BA4A6242254321ACFCBE922AE4

Form Hash Code at time of Signature:

1704FB74E7459CD484EA9397ED6242BDE990FEC4BED1751A1A2643B430E82041

Fee Payment

Transaction by: The expedited fee payment transaction was made by ER105405/Joseph Vargo

Paid by: The expedited fee was paid by JOSEPH VARGO

Fee Amount: \$10000.00

Paid Date: The expedited fee was paid on 2024-08-30

Transaction/Voucher number: The transaction number is 582EA000623705 and the voucher number is 719488

Submission

Reference Number: The application reference number is 679075

Submitted by: The application was submitted by ER105405/Joseph Vargo

Submitted Timestamp: The application was submitted on 2024-08-30 at 09:55:17 CDT

Submitted From: The application was submitted from IP address 97.118.219.95

Confirmation Number: The confirmation number is 560587

Steers Version: The STEERS version is 6.81

Additional Information

Application Creator: This account was created by Joseph Vargo

From: Mark Meyer
Sent: Thursday, February 27, 2025 6:16 AM
To: Jonathan Jiang
Cc: 'Hall, Eryn'; 'Uhlmann, Bradley'; Ari Brecl
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Good morning,

Received – 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: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Sent: Wednesday, February 26, 2025 5:50 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>; 'Uhlmann, Bradley' <brad.uhlmann@wsp.com>; Ari Brecl <Ari.Brecl@nglep.com>
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Please see attached for updated OP-CR01



Jon Jiang | VP Engineering
NGL Water Solutions
865 N Albion St, Suite 500 | Denver, CO 80220
Cell: (281) 546-8489 Jonathan.Jiang@nglep.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, February 25, 2025 9:20 AM
To: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>; 'Uhlmann, Bradley' <brad.uhlmann@wsp.com>
Subject: [EXTERNAL] RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

CAUTION: This email came from outside NGL.

Good morning,

Please see the revised draft permit that will be used for public notice. The attached has what is now Special Term and Condition 3.C. (on page 4) added. This T&C is related to OP-REQ1 question I.C.2. which was incorrectly answered “No” in the full application submittal.

I have attached the updated draft permit as a courtesy.

I apologize for the inconvenience.

The submittal of the final OP-CRO1 should proceed.

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: Friday, February 21, 2025 1:50 PM
To: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>; Uhlmann, Bradley <brad.uhlmann@wsp.com>
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Good afternoon,

My apologize for the delayed response as I had an unexpected minor surgery that kept me out of the office for several days.

I have submitted the project to our internal QAQC, which is the next step prior to issuance of the Public Notice Authorization Package (PNAP).

Please provide a final OP-CRO1, at your earliest opportunity, to certify the changes made since the initial submittal of the full application. I suggest using the Time Period of 8/31/2024 to 1/15/2025.

As your comments did not lead to any changes that had not already been addressed, I have attached, as a courtesy, the draft SOP that will be sued for public notice.

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: Thursday, January 16, 2025 10:41 AM
To: Jonathan Jiang
Cc: 'Hall, Eryn' ; Uhlmann, Bradley
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Good morning,

Received – thank you.

I will review, make the necessary updates, and advise.

As far as the submittal of the EIQ, I apologize, but we do not handle any type of reporting, annual or otherwise, so I cannot advise on that. I suggest calling 512.239.1773 or emailing psinvent@tceq.texas.gov, or try one of these sources of information:

- Refer to the Emissions Inventory Web page: <http://www.tceq.texas.gov/goto/psei/index.html>
- Attend an Emissions Inventory Workshop: <http://www.tceq.texas.gov/p2/events>

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: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Sent: Wednesday, January 15, 2025 3:04 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>; Uhlmann, Bradley <brad.uhlmann@wsp.com>
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit 04663)

Mark,

Please see below to responses.

1. As requested previously, please provide the Spanish translation for the facility location, which will be used in the Spanish notice template that will be provided:
Head west on SH115 from Andrews for approximately 21 miles until the SH128 intersection, turn right and head northwest on SH 128 for 3.8 miles, enter Lease Road heading north for 0.8 miles then turn East onto Lease Road for 2.5 miles to site.
[Diríjase al oeste por la ruta SH115 desde Andrews, durante aproximadamente 21 millas hasta la intersección con la ruta SH128. Luego gire a la derecha y continúe hacia el noroeste por la ruta SH 128 durante 3,8 millas. Entre por Lease Road en dirección norte durante 0,8 millas y luego gire al este por Lease Road durante 2,5 millas hasta el sitio.](#)
2. OP-REQ1 question XII.B.1 was submitted as “No.” However, the New Source Review (NSR) authorization for the facility is the Electric Generating Facilities Standard Permit (NSR No. 176762), as was correctly indicated on OP-REQ1 page 87, of the submitted form. As the facility is authorized by the standard permit, question XII.B.1 should be “Yes.” Accordingly, question XII.B.14 should also be “Yes” which identifies the type of standard permit. Please submit an updated OP-REQ1, which indicate both questions XII.B.1 and XII.B.14 as “Yes” (pages 86-87 of the newest version 09/24).

OP-REQ1 pages 86-87 are attached with XII.B.1, XII.B.12, and XII.B.14 answered as "Yes".

3. The submitted OP-REQ1, question XII.I (pg. 88 of the submitted version) indicates Permit by Rule (PBR) § 106.512 is active at the site. However, the authorizations active at the facility appear to only be the standard permit as the six engines are authorized by this mechanism. Accordingly, it does not appear there are any active PBRs at the site, and the OP-REQ1 identifying PBRs is not pertinent and should be blank. Please confirm this belief is correct, i.e., that the only authorization is indeed the standard permit and there are no active PBRs. If so, please submit a blank OP-REQ1, pg. 89 (of the new 09/24 version) indicating no registered or claimed PBRs are active at the site. If you believe this determination is not accurate, please advise.

You are correct, the PBR reference can be removed. OP-REQ1 page 89 has been updated and is attached.

4. Relatedly, this would make the OP-PBRSUP not applicable and unnecessary. Please confirm the OP-PBRSUP is not relevant, and the submitted form should be disregarded.

Confirming that OP-PBRSUP should be disregarded.

5. Question I.A.2 of the submitted OP-REQ1 is answered "Yes", as is question I.A.4. However, based on the overall technical review of the application, it would seem question I.A.4 should be "No" and thus would lead to the inclusion of Special Term & Condition (T&C) No. 3.A. in the attached WDP. Please acknowledge your approval or advise otherwise.

We acknowledge and approve of this change and the inclusion of T&C No. 3.A..
Page 1 of the OP-REQ1 has been updated and is attached.

6. The submitted OP-REQ2 requested several permit shields related to 30 TAC Chapter 117 for each of the six units. Permit Shields are only needed and granted for a rule that has *potential applicability*. 30 TAC Chapter 117 is applicable to very specific counties in very specific areas of the state. In this case, Andrews County is not in the vicinity of one of the identified areas. Thus, 30 TAC Chapter 117 is not potentially applicable. Accordingly, the requested 30 TAC Chapter 117 related permit shields have all been denied. The requested shields related to NSPS IIII have been granted and are included in the WDP. Please acknowledge your understanding and approval of this determination.

We acknowledge and approve of the removal of the non-applicable Chapter 117 permit shields and the incorporation of the NSPS IIII shields.

Please review the WDP and the above items and provide your approval to the WDP, and/or your comments, and responses and updated forms as pertinent to the above items at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

Would you please confirm if an EIQ is required for CY2024, prior to this Title V permit being issued?
Or just CY2025 and on.



Jon Jiang | VP Engineering
NGL Water Solutions
865 N Albion St, Suite 500 | Denver, CO 80220
Cell: (281) 546-8489 Jonathan.Jiang@nglep.com

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

Sent: Thursday, January 2, 2025 11:31 AM

To: Jonathan Jiang <Jonathan.Jiang@nglep.com>

Cc: 'Hall, Eryn' <eryn.hall@wsp.com>

Subject: [EXTERNAL] RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

CAUTION: This email came from outside NGL.

Good afternoon,

Good deal. Appreciate it.

Thank you and you are welcome!

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: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Sent: Thursday, January 2, 2025 12:27 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>
Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Hi Mark, Received and will review and respond ASAP.

Happy New Year and thank you for your review!



Jon Jiang | VP Engineering
NGL Water Solutions
865 N Albion St, Suite 500 | Denver, CO 80220
Cell: (281) 546-8489 Jonathan.Jiang@nglep.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, December 31, 2024 4:38 PM
To: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Cc: 'Hall, Eryn' <eryn.hall@wsp.com>
Subject: [EXTERNAL] RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

CAUTION: This email came from outside NGL.

Good evening,

I have completed the technical review of the SOP initial application submitted for NGL Water Solution Permian, LLC, and the LEX II Generator facility (Project 36887, Permit O4663). 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 need either additional information and/or updated documentation:

1. As requested previously, please provide the Spanish translation for the facility location, which will be used in the Spanish notice template that will be provided:
Head west on SH115 from Andrews for approximately 21 miles until the SH128 intersection, turn right and head northwest on SH 128 for 3.8 miles, enter Lease Road heading north for 0.8 miles then turn East onto Lease Road for 2.5 miles to site.
2. OP-REQ1 question XII.B.1 was submitted as "No." However, the New Source Review (NSR) authorization for the facility is the Electric Generating Facilities Standard Permit (NSR No. 176762), as was correctly indicated on OP-REQ1 page 87, of the submitted form. As the facility is authorized by the standard permit, question XII.B.1 should be "Yes." Accordingly, question XII.B.14 should also be "Yes" which identifies the type of standard permit. Please submit an updated OP-REQ1, which indicate both questions XII.B.1 and XII.B.14 as "Yes" (pages 86-87 of the newest version 09/24).
3. The submitted OP-REQ1, question XII.I (pg. 88 of the submitted version) indicates Permit by Rule (PBR) § 106.512 is active at the site. However, the authorizations active at the facility appear to only be the standard permit as the six engines are authorized by this mechanism. Accordingly, it does not appear there are any active PBRs at the site, and the OP-REQ1 identifying PBRs is not pertinent and should be blank. Please confirm this belief is correct, i.e., that the only authorization is indeed the standard permit and there are no active PBRs. If so, please submit a blank OP-REQ1, pg. 89 (of the new 09/24 version) indicating no registered or claimed PBRs are active at the site. If you believe this determination is not accurate, please advise.
4. Relatedly, this would make the OP-PBRSUP not applicable and unnecessary. Please confirm the OP-PBRSUP is not relevant, and the submitted form should be disregarded.
5. Question I.A.2 of the submitted OP-REQ1 is answered "Yes", as is question I.A.4. However, based on the overall technical review of the application, it would seem question I.A.4 should be "No" and thus would lead to the inclusion of Special Term & Condition (T&C) No. 3.A. in the attached WDP. Please acknowledge your approval or advise otherwise.
6. The submitted OP-REQ2 requested several permit shields related to 30 TAC Chapter 117 for each of the six units. Permit Shields are only needed and granted for a rule that has *potential applicability*. 30 TAC Chapter 117 is applicable to very specific counties in very specific areas of the state. In this case, Andrews County is not in the vicinity of one of the identified areas. Thus, 30 TAC Chapter 117 is not potentially applicable. Accordingly, the requested 30 TAC Chapter 117 related permit shields have all been denied. The requested shields related to NSPS IIII have been granted and are included in the WDP. Please acknowledge your understanding and approval of this determination.

Please review the WDP and the above items and provide your approval to the WDP, and/or your comments, and responses and updated forms as pertinent to the above items at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

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

Thank you and Happy New Year!

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, August 7, 2024 3:16 PM

To: Jonathan Jiang <Jonathan.Jiang@nglep.com>

Cc: Hall, Eryn <eryn.hall@wsp.com>

Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Good afternoon,

Received and acknowledged. I will include Ms. Hall on all future correspondence.

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: Jonathan Jiang <Jonathan.Jiang@nglep.com>

Sent: Wednesday, August 7, 2024 3:13 PM

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

Cc: Hall, Eryn <eryn.hall@wsp.com>

Subject: RE: SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

Mark,

With regards to item number 7, please copy Eryn Hall on communications.

eryn.hall@wsp.com



Jon Jiang | VP Engineering

NGL Water Solutions

865 N Albion St, Suite 500 | Denver, CO 80220

Cell: (281) 546-8489 Jonathan.Jiang@nglep.com

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

Sent: Saturday, August 3, 2024 2:16 PM

To: Jonathan Jiang <Jonathan.Jiang@nglep.com>

Subject: [EXTERNAL] SOP Initial for NGL Water Solution Permian, LLC/LEX II Generator (Project 36887, Permit O4663)

CAUTION: This email came from outside NGL.

Good afternoon,

I have been assigned the Site Operating Permit (SOP) initial application submittal for NGL Water Solution Permian, LLC, and the LEX II Generator. The application has been assigned Permit No. O4663 and Project No. 36887.

The abbreviated initial application was submitted via STEERS on July 18, 2024.

The official full application call-in letter is in process and should be issued the week of August 5, 2024, with a request date of on or before August 30, 2024, for the full application. Please advise via email when you do submit the full application in STEERS so that I can ensure it is routed to me properly and timely.

As part of the full application package, please be sure to address and/or include the proper forms related to the following items:

1. The appropriate NAICS Code for the facility.
2. The NAICS Name/Description associated with the NAICS Code submitted.
3. The Process Description for the facility.
4. The Public Involvement Plan (PIP).
5. As I believe publication of the alternative language notice will be required, please provide the Spanish translation to the following facility location description:

Head west on SH 115 from Andrews for approx. 21 miles to the SH 128 intersection.
Turn right. Head northwest on SH 128 for 3.8 miles. Enter Lease Road heading north for 0.8 miles. Turn east onto Lease Road for 2.5 miles to site.

Please note this item does not necessarily need to be submitted as part of the full application. If it is ready at that time, and can be submitted as part of the package, great. If not, please just provide at your opportunity, but please not later than COB on Wednesday, September 18, 2024.

6. Ensure the submittal of the full application via STEERS is submitted and certified by the authorized Registered Official (RO), Mr. Douglas White. The STEERS submittal of the abbreviated application indicated it was submitted and certified by Mr. Joseph Vargo, as the RO. There can only be one authorized RO per permit, and as stated, the current authorized RO is Mr. White. If a change/update is needed, please provide a Form OP-CRO2 at your very earliest opportunity to update the database. Should Mr. Vargo need to be authorized as a Duly Authorized Representative (DAR), please provide a Form OP-DEL at your very earliest opportunity to authorize Mr. Vargo as a DAR.

Should paperwork be submitted to identify Mr. Vargo as a DAR, he would then be able to submit and certify submittals via STEERS as the DAR. During the STEERS application creation, Mr. Vargo would need to be identified as a DAR. He would then need to be sure to select that the DAR (and not the RO) is submitting and certifying the application. Please be reminded that the Title V database (OP-CRO2, OP-DEL) and the STEERS database are completely separate and do not "communicate" with each other, i.e., submitting an OP-CRO2 and/or an OP-DEL will update the Title V database, but will not change/update STEERS.

Should the full application be submitted in STEERS, signed, and certified incorrectly, it will have to be resubmitted by the appropriate RO or DAR.

- a. When submitting the full application in STEERS, be sure to indicate it is an *update* to an existing application. This option will be provided towards the end of the STEERS application process.
7. Finally, please advise whether, moving forward, that all email communication is to be sent only to you (Mr. Jiang), or if Eryn Hall, P.E., with WSP USA, Inc., should also be included. If so, please provide an email address for her. She was identified in the abbreviated application as a contact, but no email address was provided.

For convenience and simply as an FYI/reminder, I have attached a document identifying the forms and information needed as part of the full application. Some of the items have also been mentioned above.

Please do not hesitate to contact me at any time should you ever 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



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

From: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Sent: Friday, August 30, 2024 11:42 AM
To: Mark Meyer; Joe Vargo
Subject: Re: Title V Permit Application

Caution: This email may contain suspicious content. Please take care when clicking links or opening attachments. When in doubt, contact the TCEQ Help Desk.

Thank you Mark, have a great weekend.

Thanks,
Jon

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Friday, August 30, 2024 8:59:02 AM
To: Joe Vargo <Joseph.Vargo@nglep.com>
Cc: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Subject: [EXTERNAL] Re: Title V Permit Application

Good deal. Glad to hear it.

You are welcome. Thank you and you enjoy the holiday weekend as well.

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: Joe Vargo <Joseph.Vargo@nglep.com>
Sent: Friday, August 30, 2024 9:57 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Subject: RE: Title V Permit Application

Caution: This email may contain suspicious content. Please take care when clicking links or opening attachments. When in doubt, contact the TCEQ Help Desk.

Mark – thanks for getting back to me so quickly. Appreciate the voicemail and helping us figure this out.

We got it submitted just now as directed.

Hope you have a nice holiday weekend. Thanks again.



Joseph Vargo | Director, Regulatory | NGL Water Solutions
865 North Albion Street, Suite 500 | Denver, CO 80220
Tel: (303)-597-5652 | Mobile: (406) 868-9799

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Friday, August 30, 2024 8:39 AM
To: Joe Vargo <Joseph.Vargo@nglep.com>
Cc: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Subject: [EXTERNAL] Re: Title V Permit Application

CAUTION: This email came from outside NGL.

Good morning,

I left a voice message for Mr. Vargo at (303) 597-5652 a few minutes ago but wanted to reach out via email as well.

If you have not received guidance from AIRPERM or some other group, please feel free to give me a call. It might prove to be easier to explain verbally as opposed via email.

If the issue has been resolved, congrats and thank you for submitting the full application within the requested deadline. Appreciated.

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: Joe Vargo <Joseph.Vargo@nglep.com>
Sent: Friday, August 30, 2024 8:33 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Subject: FW: Title V Permit Application

Caution: This email may contain suspicious content. Please take care when clicking links or opening attachments. When in doubt, contact the TCEQ Help Desk.

Good Morning Mark,

I'm working with Jon Jiang on submitting this Title V Full Permit application and had a quick question on the submission.

I've emailed TCEQ but Jon and I thought we should pass along to you as well.

Please see my email to them this morning below.

Thank you,



Joseph Vargo | Director, Regulatory | NGL Water Solutions
865 North Albion Street, Suite 500 | Denver, CO 80220
Tel: (303)-597-5652 | Mobile: (406) 868-9799

From: Joe Vargo
Sent: Friday, August 30, 2024 7:26 AM
To: airperm@tceq.texas.gov
Cc: Jonathan Jiang <Jonathan.Jiang@nglep.com>
Subject: Title V Permit Application

Good Morning,

We are looking to submit a full Title V Application.

Since we already have a permit number O4663, I was trying to submit for an existing permit and it will not let me.

Do we need to select Title V Application for a New Permit?

If not, our Reference Number is 668363. However, I do not have the password that the TCEQ generated for the initial application, if you could assist in that please.

I know time is of the essence as I believe we need to submit as the deadline is tomorrow.

Thank you,



Joseph Vargo | Director, Regulatory | NGL Water Solutions
865 North Albion Street, Suite 500 | Denver, CO 80220
Tel: (303)-597-5652 | Mobile: (406) 868-9799

Form OP-CRO1 - Instructions
Certification by Responsible Official
Texas Commission on Environmental Quality

General:

Title 30 Texas Administrative Code § 122.132(e) [30 TAC § 122.132(e)] (relating to “Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits”) and 30 TAC § 122.165 (relating to “Certification by a Responsible Official”) require that a Responsible Official (RO), or appropriate designee, shall certify all documents submitted to the Texas Commission on Environmental Quality (TCEQ) in support of a federal operating permit (FOP), or that are required by 30 TAC Chapter 122 or by an operating permit condition(s). This Form OP-CRO1 (Certification by Responsible Official) or submittal through Title V STEERS satisfies these certification requirements in a manner consistent with 30 TAC § 122.165.

(Certification by the authorized Designated Representative (DR), or Alternate Designated Representative (ADR), apply to the Acid Rain or CSAPR Program sources only and is executed on OP-CRO1, page 2 [Certification by Designated Representative]. The DR or ADR shall certify application information for sites with one or more units subject to the Acid Rain or CSAPR Programs and shall certify application information and reports as an RO. This Form OP-CRO1, page 2, [Certification by Designated Representative] or submittal through Title V STEERS satisfies these certification requirements in a manner consistent with 30 TAC § 122.165.)

All initial issuance, revision, and renewal FOP applications, as well as all post-issuance submittals requiring certification must be accompanied by Form OP-CRO1. However, while a site operating permit (SOP) or temporary operating permit (TOP) is undergoing technical review, application updates (e.g., administrative changes, responses to a TCEQ permit application deficiency notice, or request for information) do not require a Form OP-CRO1 to be included with each submittal. This certification will be requested at the time of the Working Draft Permit review, and any required certifications must be included with the applicant’s response to the review of the Working Draft Permit. (Refer to the SOP Technical Review Fact Sheet found on the TCEQ website at:

www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html for additional details.)

Likewise, updates to general operating permit (GOP) applications undergoing technical review do not require individual certification with each submittal and need only be certified prior to being granted an authorization to operate under the GOP by TCEQ.

All materials related to public notice certification must also be certified; including the original tear sheet(s), publisher’s affidavit(s), and the “Public Notice Verification Form/Air Permits.” These submittals’ dates should be included on the certification form submitted immediately following the close of the public comment period. (Specific details regarding these submittals and the certification procedure are included in the Public Notice Authorization Package sent to applicants with draft FOPs.)

The dates of each application update submittal being certified may be entered on Form OP-CRO1. (Up to eight submittal dates may be entered on each form.) Alternatively, a single Form OP-CRO1 may be used to certify a range of dates (time period). Note that the time period option may not be used if “Submittal Type” in Section III is “Other.”

If the RO authority is being delegated to a Duly Authorized Representative (DAR), a completed and signed Form OP-DEL entitled “Delegation of Responsible Official” must also be submitted for the DAR certification to be valid. Form OP-DEL need not be included in subsequent submittals unless there is a new appointment or an administrative information change regarding the DAR.

For all submittals through Title V STEERS, the Responsible Official (RO) or Duty Authorized Representative (DAR) will submit and certify the submittal without submitting a separate OP-CRO1 certification form. STEERS is the certification mechanism. Application updates can be submitted and certified through STEERS by the RO/DAR, or updates can be emailed to the assigned permit reviewer by the technical contact/consultant which will require a follow up certification with an OP-CRO1 form through STEERS or via a mailed original hard copy.

If an applicant submits updates through email, an electronic copy of Form OP-CRO1 must accompany the submittal followed by the hard copy original being mailed to the permit reviewer. If an applicant submits updates through the mail, the hard copy original must accompany the submittal being mailed to the permit reviewer. The applicant can choose to certify all updates at the end of the technical review period by mailing in the original hard copy Form OP-CRO1 or submitting the form through STEERS (with the appropriate time period selected). Submitting the form through STEERS means it must be filled out and then uploaded to STEERS. This is the only way for Title V to certify a time period through STEERS.

For an electronic copy followed by the hard copy original, this form must bear the signature of the RO, DAR, DR, or ADR and a signature date for the certification to be valid. The Signature Date, which will be used to validate signature authority of the RO, DAR, DR, or ADR, must be on or after the effective date of the RO, DAR, DR, or ADR certifying to the change. Signature stamps can be accepted in place of an original signature. Electronic signature stamps such as DocuSign will not be accepted. Photocopies and electronic submittals can be submitted, however, must be followed up with the original signed certification form.

This certification does not extend to information which is designated by TCEQ as "information for reference only." For additional information, please refer to TCEQ guidance entitled "Responsible Official and Certifications" found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/ro_and_certs.html.

Information on where to submit this form can be found on the TCEQ website at: www.tceq.texas.gov/permitting/air/titlev/submittal.html.

Important: At any time after the initial permit application submittal when a new RO, DR, or ADR is appointed, or there is a change to the administrative information regarding the RO, DR, or ADR (e.g., address, phone number, title), the applicant must submit a completed Form OP-CRO2 "Change of Responsible Official Information," as an administrative update through STEERS for notification purposes. At any time after the initial permit application submittal that a new DAR is appointed, or there is a change to the administrative information regarding the DAR, the applicant must submit a completed Form OP-DEL through STEERS for notification purposes.

Specific:

I. Identifying Information

- **RN:** Enter the Regulated Entity Number (RN) for the site if issued. This number is assigned by TCEQ as part of the central registry process. If an RN has not yet been assigned, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc. in this space. (maximum 11 characters; RNXXXXXXXXXX)
- **CN:** Enter the Customer Reference Number (CN) for the site if issued. This number is assigned by TCEQ as part of the central registry process. If a CN has not yet been assigned, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc. in this space. (maximum 11 characters; CNXXXXXXXXXX)
- **Account No.:** Enter the primary TCEQ account number (XX-XXXX-X) for the site if issued. (Some newer facilities will not have this number; in which case the space should be left blank.)
- **Permit No.:** Enter the operating permit number, if assigned (OXXXX). If this is the first submittal regarding an initial application for an SOP, a TOP, or a GOP, the permit number will be assigned upon receipt by TCEQ. In this case, enter "TBA" for "to be assigned." The permit number will appear on all correspondence from TCEQ regarding the application.

- **Project No.:** Enter the project number that identifies this specific permitting action, if assigned (XXXXX). If this is the first submittal regarding an initial, revision, or renewal application submittal (SOP, TOP, or GOP), the project number will be assigned upon receipt by TCEQ. In this case, enter "TBA" for "to be assigned." The project number will appear on all correspondence from TCEQ regarding the application.
- **Area Name:** Enter the area name used in the "Application Area Information" section of the most recent Form OP-1 (Site Information Summary) submitted with the application (maximum 50 characters). If there is only one permit at the site, the area name is the same as the site name.
- **Company Name:** Enter the name of the company for which the application is being submitted (maximum 50 characters). The company name on this form should be the same as the Customer Name listed in Section II of the TCEQ Core Data Form.

II. Certification Type

- Indicate the type of certification by marking the appropriate box.
 - **Responsible Official:** Select this option if certification is being made by the RO.
 - **Duly Authorized Representative:** Select this option if certification is being made by the DAR. The DAR must have been previously designated using Form OP-DEL (Delegation of Responsible Official), or a completed OP-DEL must accompany the Form OP-CRO1.

III. Submittal Type

- Indicate the type of attached submittal by entering an "X" in the box next to one of the following options:
 - **SOP/TOP Initial Permit Application:** Select this option if this certification accompanies the first submittal regarding an initial SOP or TOP application.
 - **GOP Initial Permit Application:** Select this option if this certification accompanies the first submittal regarding an initial GOP application.
 - **Permit Revision, Renewal, or Reopening:** Select this option if this certification accompanies the first submittal regarding a revision, reopening, or renewal application for an SOP, TOP, or GOP.
 - **Update to Permit Application:** Select this option if this certification addresses updates to any permit application (initial, revision, renewal) currently under review. Application updates include administrative changes, responses to deficiency notices or requests for information from the reviewer, working draft permit comments, public notice information, or other follow-up information submitted prior to issuance.
 - **Other:** Select this option if the submittal is not one of the types listed above. Identify the type of submittal in the space provided (maximum 25 characters). Examples include but are not limited to.
- Annual Compliance Certification
- Progress Report
- Deviation Report
- Monitoring Report
- Test Report

IV. Certification of Truth, Accuracy, and Completeness

- **Certifier Name:** Print or type the name of the RO or DAR (maximum 25 characters). Note: Use the name on the driver's license associated with the STEERS account.
- **Certifier Type:** Enter the type of signature authority held by the certifier, "RO" or "DAR."
- **Documentation Dates:** Enter either a Time Period or Specific Date(s) as defined below. These dates will be used to link the Form OP-CRO1 to the documentation being certified. Do not enter signature dates. *This section must be completed. The certification is not valid without documentation date(s).* Note that all submittals containing application-related information (including by fax or email) must be certified.
- **Time Period:** Enter the start and end dates of the time period that contains all submitted application documentation (MM/DD/YYYY) that was not previously certified. This option may only be used when:

The "Submittal Type" is 'Update to Permit Application' and there are multiple uncertified submittals; or

A submittal package has multiple dates recorded in the documentation.

Note: Do not use the Time Period option if the "Submittal Type" is "Other."

- **Specific Dates:** Enter a date or date(s) (MM/DD/YYYY) for each application submittal that was not previously certified. If a submittal package has multiple dates recorded in the documentation, each date may be listed, or the overall submittal date (e.g., cover letter date) may be listed. Please do not repeat documentation dates on multiple certifications. If more than six (6) date spaces are needed, use multiple forms.
- **Signature:** A signature of the RO or DAR is required. Signature stamps can be accepted in place of an original signature. Electronic signature stamps such as DocuSign will not be accepted.
- **Signature Date:** Enter the date this form was signed by the RO or DAR (MM/DD/YYYY). The certifier must have signature authority on this date for the certification to be valid.
- **Title:** Enter the job title of the RO or DAR.

Certification by Designated Representative
For Affected Sources that are subject to the following Programs:
Acid Rain, Cross-State Air Pollution Rule (CSAPR)

Specific:

I. Identifying Information

- *Please use the same instructions for Section I Form OP-CRO1, Page 1.*

II. Certification Type

- **Indicate the type of certification by marking the appropriate box.**
 - **Designated Representative:** Select this option if this form is being used as certification by the DR.
 - **Alternate Designated Representative:** Select this option if this form is being used as certification by the ADR.

III. Requirement and Submittal Type

- **Indicate the Requirement by marking the box next to the applicable option(s):**
 - Acid Rain Permit
 - Cross-State Air Pollution Rule (CSAPR)
- **Indicate the Submittal Type of attached by marking the box next to one of the following options:**
 - Initial Permit Application
 - Permit Revision or Renewal
 - Update to Permit Application
 - Other

IV. Certification

- **Certifier Name:** Print or type the name of the DR or ADR (maximum 25 characters). Note: Use the name on the driver's license associated with the STEERS account.
- **Certifier Type:** Enter the type of signature authority held by the certifier as "DR" or "ADR."
- **Documentation Dates:** Enter either a Time Period or Specific Date(s) as defined below. These dates will be used to link the Form OP-CRO1, page 2, to the documentation being certified. Do not enter signature dates. This section must be completed. The certification is not valid without documentation date(s). Note that all submittals containing application-related information (including by fax or email) must be certified.
- **Time Period:** Enter the start and end dates of the time period that contains all submitted application documentation (MM/DD/YYYY) that was not previously certified. This option may only be used when:
 - The "Submittal Type" is 'Update to Permit Application' and there are multiple uncertified submittals; or
 - A submittal package has multiple dates recorded in the documentation.

Note: Do not use the Time Period option if the "Submittal Type" is "Other."

- **Specific Dates:** Enter a date or date(s) (MM/DD/YYYY) for each application submittal that was not previously certified. If a submittal package has multiple dates recorded in the documentation, each date may be listed, or the overall submittal date (e.g., cover letter date) may be listed. Please do not repeat documentation dates on multiple certifications. If more than six (6) date spaces are needed, use multiple forms.
- **Signature:** A signature of the DR or ADR is required. Signature stamps can be accepted in place of an original signature. Electronic signature stamps such as DocuSign will not be accepted.
- **Signature Date:** Enter the date this form was signed by the DR or ADR (MM/DD/YYYY). The certifier must have signature authority on this date for the certification to be valid.
- **Title:** Enter the job title of the DR or ADR.

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
RN: 111981288
CN: 606195709
Account No.:
Permit No.: 04663
Project No.: 36887
Area Name: LEX II Generator
Company Name: NGL Water Solutions Permian, LLC
II. Certification Type <i>(Please mark appropriate box)</i>
<input checked="" type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other:

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

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Douglas White certify that I am the Responsible Official (RO)
Authorized Representative (DAR)

(Certifier Name printed or typed)

(RO or DAR)

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From 8/31/2024 to 1/15/2025
(Start Date) (End Date)

Specific Dates: _____
(Date 1) (Date 2) (Date 3) (Date 4)

(Date 5) (Date 6)

Signature:  Signature Date: 2/26/25

Title: Executive Vice President

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 1)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
January 8, 2025	O4663	111981288

For SOP applications, answer ALL questions unless otherwise directed.

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

I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆ 1.	The application area includes stationary vents constructed on or before January 31, 1972.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 2.	The application area includes stationary vents constructed after January 31, 1972. <i>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.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> Yes <input type="checkbox"/> 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).	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	Emissions from units in the application area include contributions from uncombined water.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 86)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
January 8, 2025	O4663	111981288

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆ 1.	The application area includes at least one Air Quality Standard Permit NSR authorization. <i>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.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 3.	The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 6.	The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8.	The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.	The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10.	The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 87)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
January 8, 2025	O4663	111981288

For SOP applications, answer ALL questions unless otherwise directed.

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

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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 12.	The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "No," go to Question XII.B.15.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 13.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 14.	For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 15.	The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 16.	The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C. Flexible Permits		
1.	The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
D. Multiple Plant Permits		
1.	The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
January 8, 2025	O4663	111981288

For SOP applications, answer ALL questions unless otherwise directed.

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

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **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.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
176762	07/03/2024				

- ◆ **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.	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



REPORT

Electric Generating Unit (EGU) Title V Permit Full Initial Application

NGL Water Solutions Permian, LLC

Submitted to:

Texas Commission on Environmental Quality (TCEQ)

Air Permits Division MC-163
PO Box 13087
Austin, Texas 78711-3087

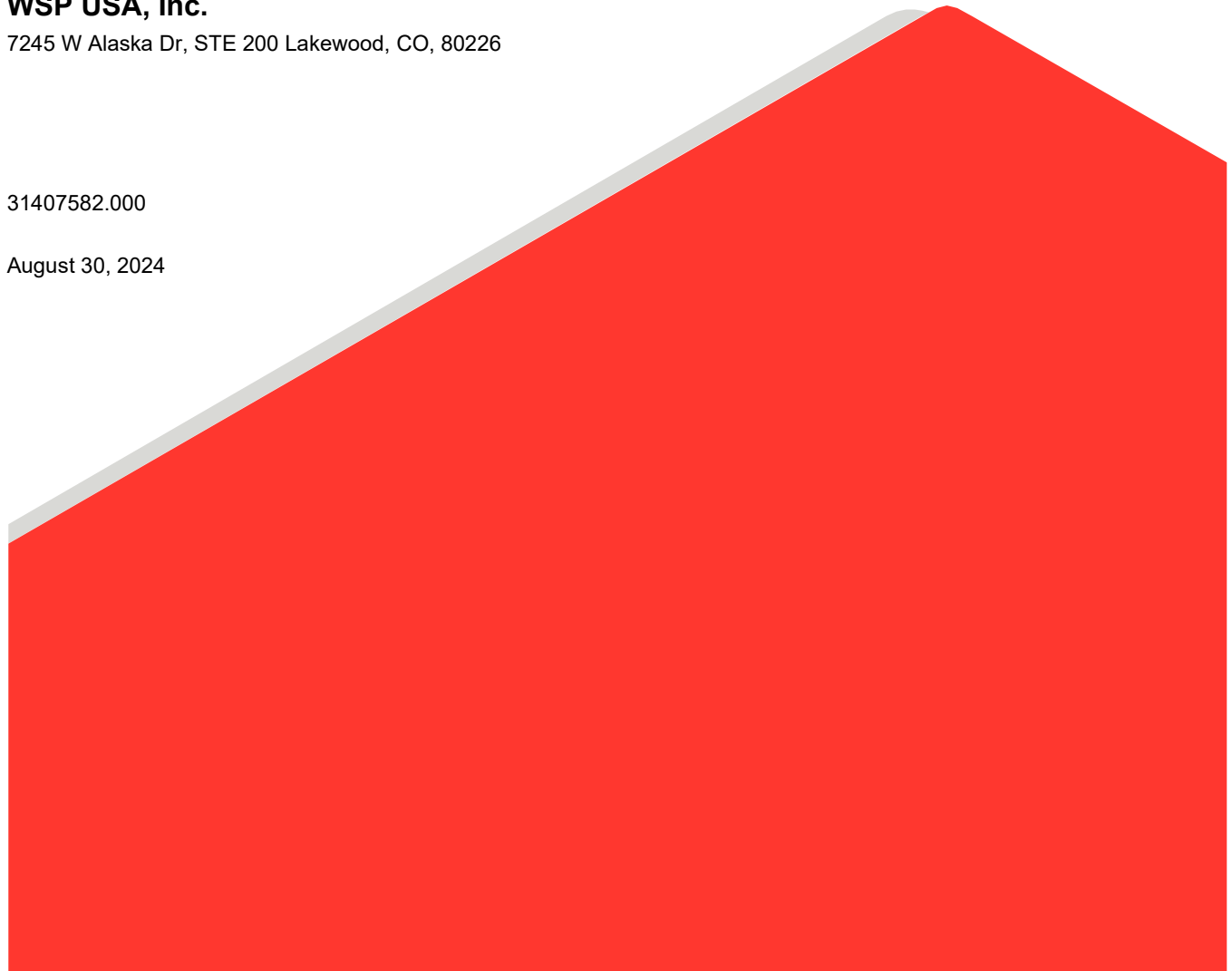
Submitted by:

WSP USA, Inc.

7245 W Alaska Dr, STE 200 Lakewood, CO, 80226

31407582.000

August 30, 2024



Distribution List

TCEQ - STEERS submittal

NGL - Electronic copy

WSP - Electronic copy

Table of Contents

1.0 INTRODUCTION3

1.1 Site Description3

1.2 Purpose of the Application3

1.3 Report Organization3

2.0 PROCESS DESCRIPTION4

2.1 Stationary Internal Combustion Equipment4

NO TABLE OF FIGURES ENTRIES FOUND.

TABLES

Table 1. Summary of Emission Units at NGL

APPENDICES

APPENDIX A
Federal Operating Permit Application Guidance Document

APPENDIX B
PTE Calculations

APPENDIX C
Figures

APPENDIX D
TCEQ Application Forms

1.0 INTRODUCTION

NGL Water Solutions Permian, LLC (NGL) has requested assistance with the preparation of the full Title V Site Operating Permit Application for submittal to the Texas Commission on Environmental Quality (TCEQ). WSP USA was retained to perform these services for the NGL site located in Andrews, Texas.

1.1 Site Description

The NGL site is located on a 641.6-acre parcel in Andrews County, TX. The location of the site is found in Appendix C.

The property will be leased from a larger property currently owned by Bruce and Bar. The microgrid will be on a 450 ft by 450 ft pad and will be a self-sustained power generation facility, not connected to the national power grid. The power generated by the proposed Facility will support an NGL injection well facility a few miles away. The proposed Microgrid will consist of 6 Caterpillar (CAT) G3516 LE reciprocating internal combustion engines (RICE). The NAICS code for the facility will be 221112 – Fossil Fuel Electric Power Generation.

1.2 Purpose of the Application

Andrews County is classified as attainment for all criteria air pollutants. Since the NGL site has potential nitrogen oxide (NOx) emissions that exceed 100 tons per year (tpy), a Title V permit application is required to be submitted. Therefore, NGL is submitting this application due to their classification as a major source. An abbreviated Title V application was submitted to the TCEQ on July 18, 2024. The application was assigned a Permit No. O4663 and Project No. 36887. This complete Title V application is due by August 30, 2024.

1.3 Report Organization

This report is organized in the following manner: Section 2.0 provides a process description of each emission unit located at the NGL site. Section 3.0 supplies a process flow diagram for the internal combustion engine operations. Appendix D contains the TCEQ Title V Operating Permit Application Forms and is divided into the following subsections:

4.1 General Administrative Forms

- Form OP-CRO1 (Certification by Responsible Official)
- Form OP-1 (Site Information Summary)
 - Form OP-SUM (Individual Unit Summary)
- Form OP-PBRSUP (Permits By Rule Supplemental Table)
- PIP (Public Involvement Plan)

4.2 Unit Attribute Forms

- Form OP-UA2 (Stationary Reciprocating Internal Combustion Engine Attributes)

4.3 Potentially Applicable Requirements

- Form OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)
 - Form OP-REQ2 (Negative Applicable/Superseded Requirement Determinations)
- Form OP-REQ3 (Applicable Requirements Summary)

4.4 Compliance Plan and Schedule Forms

- Form OP-ACPS (Application Compliance Plan and Schedule)

2.0 PROCESS DESCRIPTION

An emission unit is defined in Title 40, Part 70.2 of the *Code of Federal Regulations* (40 CFR 70.2) as any part or activity of a stationary source that emits or has the potential to emit any regulated air pollutant, or any pollutant listed under Section 112(b) of the Clean Air Act Amendments of 1990 (CAAA). The only emission unit category present at the NGL site is internal combustion equipment. Table 1 lists the equipment with the respective emission unit ID. A plot plan of the site is provided in Appendix C. A general description of the internal combustion equipment and the associated emission units are presented in the following sections.

Table 1. Summary of Emission Units at NGL

Category	Emission Unit ID	Type	Title V Source Applicability ¹
Internal Combustion Equipment	ENG-01	Non-Emergency Generator	☒
	ENG-02	Non-Emergency Generator	☒
	ENG-03	Non-Emergency Generator	☒
	ENG-04	Non-Emergency Generator	☒
	ENG-05	Non-Emergency Generator	☒
	ENG-06	Non-Emergency Generator	☒

Note 1: Title V Applicability for emission units was determined using Federal Operating Permit Guidance Document (Appendix A).

2.1 Stationary Internal Combustion Equipment

NGL is proposing to operate and maintain six internal combustion sources that are all non-emergency generators (ENG-01, ENG-02, ENG-03, ENG-04, ENG-05, and ENG-06). Each generator has a horsepower (hp) rating of 2,763 hp. All generators are capable of generating 11.5 megawatt (MW) of energy in total. All the units will combust natural gas only. Each non-emergency generator will operate continuously throughout the year (8760 hrs/yr) at 100% load. Potential emissions for all emission units are included in Appendix B.

APPENDIX A

**Federal Operating Permit
Application Guidance Document**

**Texas Commission on Environmental Quality
Air Permit Division
Site Operating Permit (SOP) Initial Application Guidance**

Topics

- **General**
- **Multiple Permits at a Site**
- **Pre-application Meetings**
- **Required Forms And Documents**
- **Submitting Applications to the Agency**
- **Converting a GOP to an SOP**

General:

The following guidance is provided for owners or operators that have determined they are subject to [30 TAC Chapter 122](#) and are required to submit a SOP application.

Multiple Permits at a Site:

Owner/operators of very large and complex sites may request, in writing, more than one permit for a site. In situations where multiple permits are contemplated, permit applications will be submitted for areas of the site (application areas) and distinguished by an area name. Each of the multiple permits for the site must meet all [30 TAC Chapter 122](#) procedural requirements, including: public notice; affected state review; opportunity for notice and comment hearing; and EPA review. Staff and management of agency departments such as permitting, compliance, and enforcement will review the request and let the applicant know of approval. Therefore, applicants must communicate this request, including any needs for meetings, in sufficient time to prepare and submit applications prior to operations.

There is no form for requesting this approach. Applicants should submit their request in writing via a letter from the (proposed) Responsible Official, or someone in the applicant's organization that meets the qualification of R.O. The request should include sufficient justification and description of the proposed areas within the site, and the basic process(es) or business unit(s) that are contained within that area. Finally, the request needs to address those issues that cross over two or more proposed areas: shared control devices, regulated process or waste streams, and those regulations that are, by rule, applied at the site level. Submit the written request to the Operating Permits Section Manager.

The following special concerns should be noted during the request, approval, and application process:

- The splitting up of a site into multiple areas does not affect Title V applicability.
- The splitting-up of a site does not affect applicability of those regulations that are, by rule, applied to the site.

Pre-application Meetings:

Although not a routine requirement, a teleconference or preapplication meeting may be requested by either the applicant or the TCEQ to obtain clarification regarding permit application process.

Required Forms and Documents:

Each application for a SOP will consist of certain required documents, and other forms or documents depending on the site's characteristics.

A cover letter may be used to identify the applicant's special concerns or requests that are not covered by standard application forms.

The following forms or documents are required for review:

- [Form OP-1](#)

- [Form OP-CRO1](#)
- [Form OP-REQ1](#)
- [Form OP-ACPS](#)
- A non-confidential version of the following documents:
 - Area Map
 - Plot Plan
 - Process Flow Diagram
 - Process Description

The following forms or documents are needed depending on the site's characteristics:

- For a new site/area without a Regulated Entity Number (RN) or Customer Number (CN), or at a site/area where the Core Data requires changes:
 - [Core Data Form](#)
- Emissions units/points with potentially applicable requirements:
 - [Form OP-SUM](#)
 - [Form OP-REQ2](#)
 - [Form OP-REQ3](#)
 - [Appropriate OP-UA forms](#)
 - [Form OP-MON](#) (if additional monitoring including PM/CAM is required to assure compliance with applicable requirements)
- At sites with electric generating utility plants subject to Title IV Acid Rain rules:
 - [Form OP-AR1](#)
 - Certificate of Representation (COR)
- If there is a need to delegate the R.O.'s responsibilities to a Duly Authorized Representative:
 - [Form OP-DEL](#)

Additional details on the subject matter above can be found [here](#).

Submitting Applications to the Agency:

Mailing/physical delivery addresses for submitting permit applications can be found [here](#).

Converting a GOP to an SOP:

Owner/operators with an authorization to operate (ATO) under a GOP may find that their site no longer qualifies for the GOP, or they may elect to change their operating permit type to an SOP on a voluntary basis. Because the SOP is truly a completely different federal operating permit authorization, the SOP that replaces the GOP ATO is handled as an initial issuance permit project. Permit holders seeking this change should be aware of special requirements:

- The site and emission units contained therein must comply with the applicable requirements identified in the GOP until such time the SOP is issued.
- If submitted within the existing GOP's renewal window, the SOP application serves as the GOP renewal application. Be sure to note that in a cover letter as part of the SOP application package.

APPENDIX B

PTE Calculations

TABLE 1
SUMMARY OF FACILITY-WIDE POTENTIAL TO EMIT (PTE)
NGL W. TEXAS FACILITY

Pollutants	Caterpillar G3516 Engines
	(tons/yr)
PM	4.34
PM ₁₀	4.34
PM _{2.5}	4.34
NO _x	160.1
CO	30.4
SO ₂	0.26
VOC	17.61
Total HAPs	18.23
Maximum Single HAP	9.60

Notes:

1. See Tables 2 - 4 for detailed emissions calculations.

TABLE 2
POTENTIAL EMISSIONS FROM CATERPILLAR ENGINES
NGL W. TEXAS FACILITY

Source	
Generator Make/Model	Caterpillar G 3516 LE
Fuel	Natural Gas
Engine Power Rating ¹ (hp)	2,763
Generator Power Rating ¹ (kW)	1,914
Daily hours of operation	24
Annual hours of operation	8760
Engine fuel consumption (Btu/hp-hr)	5991
Engine heat input (MMBtu/hr)	16.6
Potential annual heat input (MMBtu/yr)	145,005
Number of identical units operated	6
Total Power (MW)	11.5

Criteria and Regulated Pollutants	Emission Factor			Total Emissions for 1 Engine		Total Emissions for All Engines
	Value	Unit	Reference	(lb/hour)	(ton/year)	(ton/year)
PM	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
PM ₁₀ ²	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
PM _{2.5} ²	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
NO _x ¹	1	g/hp-hr	Manufacturer Provided EFs	6.09	26.68	160.1
CO ¹	0.19	g/hp-hr	Manufacturer Provided EFs	1.16	5.07	30.4
SO ₂	5.88E-04	lb/MMBtu	AP-42, Sec 3.2	0.01	0.04	0.26
VOC ¹	0.11	g/hp-hr	Manufacturer Provided EFs	0.67	2.93	17.6

Stack Min. Distance to Property Line (ft)

512.25

Hazardous Air Pollutants	CAS	Emission Factor		Emission Factor Reference	Total Emissions for 1 Engine		Total Emissions for All Engines
		Value	Unit		(lb/hour)	(ton/year)	(ton/year)
1,1,2,2-Tetrachloroethane	79-34-5	4.00E-05	lb/MMBtu	AP-42 Sec. 3.2	6.62E-04	2.90E-03	1.74E-02
1,1,2-Trichloroethane	79-00-5	3.18E-05	lb/MMBtu	AP-42 Sec. 3.2	5.26E-04	2.31E-03	1.38E-02
1,3-Butadiene	106-99-0	2.67E-04	lb/MMBtu	AP-42 Sec. 3.2	4.42E-03	1.94E-02	1.16E-01
1,3-Dichloropropene	542-75-6	2.64E-05	lb/MMBtu	AP-42 Sec. 3.2	4.37E-04	1.91E-03	1.15E-02
2-Methylnaphthalene	91-57-6	3.32E-05	lb/MMBtu	AP-42 Sec. 3.2	5.50E-04	2.41E-03	1.44E-02
2,2,4-Trimethylpentane	540-84-1	2.50E-04	lb/MMBtu	AP-42 Sec. 3.2	4.14E-03	1.81E-02	1.09E-01
Acenaphthene	83-32-9	1.25E-06	lb/MMBtu	AP-42 Sec. 3.2	2.07E-05	9.06E-05	5.44E-04
Acenaphthylene	203-96-8	5.53E-06	lb/MMBtu	AP-42 Sec. 3.2	9.15E-05	4.01E-04	2.41E-03
Acetaldehyde	75-07-0	8.36E-03	lb/MMBtu	AP-42 Sec. 3.2	1.38E-01	6.06E-01	3.64E+00
Acrolein	107-02-8	5.14E-03	lb/MMBtu	AP-42 Sec. 3.2	8.51E-02	3.73E-01	2.24E+00
Benzene	71-43-2	4.40E-04	lb/MMBtu	AP-42 Sec. 3.2	7.28E-03	3.19E-02	1.91E-01
Benzo(a)pyrene	50-32-8	4.40E-04	lb/MMBtu	AP-42 Sec. 3.2	7.28E-03	3.19E-02	1.91E-01
Benzo(b)fluoranthene	205-99-2	1.66E-07	lb/MMBtu	AP-42 Sec. 3.2	2.75E-06	1.20E-05	7.22E-05
Benzo(e)pyrene	192-97-2	4.15E-07	lb/MMBtu	AP-42 Sec. 3.2	6.87E-06	3.01E-05	1.81E-04
Benzo(g,h,i)perylene	191-24-2	4.14E-07	lb/MMBtu	AP-42 Sec. 3.2	6.85E-06	3.00E-05	1.80E-04
Biphenyl	92-52-4	2.12E-04	lb/MMBtu	AP-42 Sec. 3.2	3.51E-03	1.54E-02	9.22E-02
Carbon Tetrachloride	56-23-5	3.67E-05	lb/MMBtu	AP-42 Sec. 3.2	6.07E-04	2.66E-03	1.60E-02
Chlorobenzene	108-90-7	3.04E-05	lb/MMBtu	AP-42 Sec. 3.2	5.03E-04	2.20E-03	1.32E-02
Chrysene	218-01-9	2.85E-05	lb/MMBtu	AP-42 Sec. 3.2	4.72E-04	2.07E-03	1.24E-02
Dibenz(a,h)anthracene	53-70-3	6.93E-07	lb/MMBtu	AP-42 Sec. 3.2	1.15E-05	5.02E-05	3.01E-04
Ethylbenzene	100-41-4	3.97E-05	lb/MMBtu	AP-42 Sec. 3.2	6.57E-04	2.88E-03	1.73E-02
Ethylene Dibromide	106-93-4	4.43E-05	lb/MMBtu	AP-42 Sec. 3.2	7.33E-04	3.21E-03	1.93E-02
Fluoranthene	206-44-0	1.11E-06	lb/MMBtu	AP-42 Sec. 3.2	1.84E-05	8.05E-05	4.83E-04
Fluorene	86-73-7	5.67E-06	lb/MMBtu	AP-42 Sec. 3.2	9.39E-05	4.11E-04	2.47E-03
Formaldehyde	50-00-0	0.06	g/hp-hr	Caterpillar	3.65E-01	1.60E+00	9.60E+00
Methanol	67-56-1	2.50E-03	lb/MMBtu	AP-42 Sec. 3.2	4.14E-02	1.81E-01	1.09E+00
Methylene Chloride	75-09-2	2.00E-05	lb/MMBtu	AP-42 Sec. 3.2	3.31E-04	1.45E-03	8.70E-03
n-Hexane	110-54-3	1.11E-03	lb/MMBtu	AP-42 Sec. 3.2	1.84E-02	8.05E-02	4.83E-01
Naphthalene	91-20-3	7.44E-05	lb/MMBtu	AP-42 Sec. 3.2	1.23E-03	5.39E-03	3.24E-02
PAH	130498-29-2	2.69E-05	lb/MMBtu	AP-42 Sec. 3.2	4.45E-04	1.95E-03	1.17E-02
Phenanthrene	85-01-8	1.04E-05	lb/MMBtu	AP-42 Sec. 3.2	1.72E-04	7.54E-04	4.52E-03
Phenol	108-95-2	2.40E-05	lb/MMBtu	AP-42 Sec. 3.2	3.97E-04	1.74E-03	1.04E-02
Pyrene	129-00-0	1.36E-06	lb/MMBtu	AP-42 Sec. 3.2	2.25E-05	9.86E-05	5.92E-04
Styrene	100-42-5	2.36E-05	lb/MMBtu	AP-42 Sec. 3.2	3.91E-04	1.71E-03	1.03E-02
Tetrachloroethane	25322-20-7	2.48E-06	lb/MMBtu	AP-42 Sec. 3.2	4.11E-05	1.80E-04	1.08E-03
Toluene	108-88-3	4.08E-04	lb/MMBtu	AP-42 Sec. 3.2	6.75E-03	2.96E-02	1.77E-01
Vinyl Chloride	75-01-4	1.49E-05	lb/MMBtu	AP-42 Sec. 3.2	2.47E-04	1.08E-03	6.48E-03
Xylene	1330-20-7	1.84E-04	lb/MMBtu	AP-42 Sec. 3.2	3.05E-03	1.33E-02	8.00E-02
Total HAPs					6.83E-01	3.04E+00	1.82E+01

Greenhouse Gases (GHGs)	CAS	Emission Factor ³		Total Emissions for 1 Engine		Total Emissions for All Engines
		Value	Unit	(lb/hour)	(ton/year)	(ton/year)
Carbon Dioxide (CO ₂)	--	117.00	lb/MMBtu	1936.67	8,482.6	50,895.7
Nitrous Oxide (N ₂ O)	--	0.0002	lb/MMBtu	0.004	0.02	0.0959
Methane (CH ₄)	--	0.0022	lb/MMBtu	0.04	0.2	0.959
Total GHG as CO ₂ e ⁴	--	--	--	--	8,491.4	50,948.3

Notes:

1. Engine rating, NO_x, CO, and VOC emission factors from manufacturer provided specs.
2. PM₁₀ and PM_{2.5} assumed equal to PM.
3. 40 CFR Part 98 Tables C-1 and C-2.
4. Carbon dioxide equivalent (CO₂e) calculated using the following formula: CO₂e (TPY) = CO₂ (TPY) x 1 + N₂O (TPY) x 298 + CH₄ (TPY) x 25.

Equipment Specification

Proposal Information

Proposal Number: RMN-24-000597 Date: **1/22/2024**
 Project Reference: WARREN CAT

Engine Information

Engine Make: Caterpillar
 Engine Model: G 3516 LE
 Rated Speed: 1800 RPM
 Fuel Description: Natural Gas
 Hours Of Operation: 8760 Hours per year
 Generator Power: 1914 ekW
 Load: 100%

Speed:
 Power Output: 2,763 bhp
 Exhaust Flow Rate: 23,756 lb/hr
 Exhaust Temperature: 802 ° F
 O₂: 9.5%
 H₂O: 0%

Emission Data (100% Load)

Emission	Raw Engine Emissions						Target Outlet Emissions						Calculated Reduction
	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	g/kW-hr	lb/MW-hr	g/bhp-hr	tons/yr	ppmvd @ 15% O ₂	ppmvd	g/kW-hr	lb/MW-hr	
NO _x *	1	26.68	84	162	1.341	2.96	1	26.68	84	162	1.341	2.96	
CO	1.75	46.6	240	464	2.342	5.16	0.19	5	26	50	0.251	0.55	89.3%
THC	0	0	0	0	0	0							
NMNEHC**	0.3	8.05	72	140	0.405	0.89	0.11	3	27	52	0.151	0.33	62.7%
CH ₂ O	0.3	8	39	74	0.402	0.89	0.06	1.5	7	14	0.075	0.17	81.2%

System Specifications

Catalyst (Replacement Catalyst)

Element Model Number: APX2-OX-RO-2650-0000-350
 Number of Catalyst Layers: 2
 Number of Catalyst Per Layer: 1
 Catalyst Back Pressure: 10.0 inWC (Clean)
 Design Exhaust Flow Rate: 23,756 lb/hr
 Design Exhaust Temperature: 802f
 Dimensions: Ø 26.5 in
 Exhaust Temperature Limits***: 550f – 1250f (catalyst inlet); 1350f (catalyst outlet)
 System Pressure Loss: 10.0 inWC (Clean)

* MW referenced as NO₂

** MW referenced as CH₄. Propane in the exhaust shall not exceed 15% by volume of the NMHC compounds in the exhaust, excluding aldehydes. The 15% (vol.) shall be established on a wet basis, reported on a methane molecular weight basis. The measurement of exhaust NMHC composition shall be based upon EPA method 320 (FTIR), and shall exclude formaldehyde.

*** General catalyst temperature operating range. Performance is based on the Design Exhaust Temperature.

GENSET - POWER MODULE

ENGINE SPEED (rpm): 1800
 COMPRESSION RATIO: 11.1
 AFTERCOOLER TYPE: SCAC
 AFTERCOOLER - STAGE 2 INLET (°F): 125
 AFTERCOOLER - STAGE 1 INLET (°F): 192
 JACKET WATER OUTLET (°F): 210
 ASPIRATION: TA
 COOLING SYSTEM: JW+OC+1AC, 2AC
 CONTROL SYSTEM: ADEM4 W/ IM
 EXHAUST MANIFOLD: DRY
 COMBUSTION: LOW EMISSION
 NOx EMISSION LEVEL (g/bhp-hr NOx): 1.0
 ANCILLARY LOAD (ekW): 90
 SET POINT TIMING: 26

RATING STRATEGY:

FUEL SYSTEM:

HUMIDITY/FUEL TOLERANT
 CAT LOW PRESSURE
 WITH AIR FUEL RATIO CONTROL

SITE CONDITIONS:

FUEL: Nat Gas
 FUEL PRESSURE RANGE(psig): (See note 1) 1.5-5.0
 FUEL METHANE NUMBER: 84.7
 FUEL LHV (Btu/scf): 905
 ALTITUDE(ft): 3000
 INLET AIR TEMPERATURE(°F): 110
 STANDARD RATED POWER: 2763 bhp@1800rpm
 POWER FACTOR: 1.0
 VOLTAGE(V): 480

RATING	NOTES	LOAD	MAXIMUM RATING	SITE RATING AT MAXIMUM INLET AIR TEMPERATURE			
			100%	100%	75%	50%	
GENSET POWER (WITH ANCILLARY LOAD)	(2)(3)	ekW	1914	1869	1402	935	
GENSET POWER (WITH ANCILLARY LOAD)	(2)(3)	kVA	1914	1869	1402	935	
ENGINE POWER (WITHOUT FAN)	(3)	bhp	2763	2701	2064	1431	
INLET AIR TEMPERATURE		°F	104	110	110	110	
GENERATOR EFFICIENCY	(2)	%	97.3	97.3	96.9	96.0	
GENSET EFFICIENCY (ISO 3046/1)	(4)	%	40.8	40.6	38.6	34.9	
THERMAL EFFICIENCY	(5)	%	43.0	43.1	44.3	45.6	
TOTAL EFFICIENCY	(6)	%	83.8	83.7	82.9	80.5	

ENGINE DATA							
GENSET FUEL CONSUMPTION (ISO 3046/1)	(7)	Btu/ekW-hr	8359	8396	8841	9775	
GENSET FUEL CONSUMPTION (NOMINAL)	(7)	Btu/ekW-hr	8647	8686	9146	10112	
ENGINE FUEL CONSUMPTION (NOMINAL)	(7)	Btu/bhp-hr	5991	6010	6211	6602	
AIR FLOW (@inlet air temp, 14.7 psia) (WET)	(8)	ft3/min	5425	5358	4016	2840	
AIR FLOW (WET)	(8)	lb/hr	22922	22381	16775	11862	
FUEL FLOW (60°F, 14.7 psia)		scfm	305	299	236	174	
INLET MANIFOLD PRESSURE	(9)	in Hg(abs)	125.5	122.8	94.6	67.6	
EXHAUST TEMPERATURE - ENGINE OUTLET	(10)	°F	802	810	888	983	
EXHAUST GAS FLOW (@engine outlet temp, 14.5 psia) (WET)	(11)	ft3/min	13094	12865	10266	7794	
EXHAUST GAS MASS FLOW (WET)	(11)	lb/hr	23756	23199	17420	12338	
MAX INLET RESTRICTION	(12)	in H2O	14.45	13.75	6.46	3.41	
MAX EXHAUST RESTRICTION	(12)	in H2O	20.07	19.40	12.46	6.32	

EMISSIONS DATA - ENGINE OUT							
NOx (as NO2) (8760 hrs/yr)	(13)(14)	tons/yr	26.68	26.08	19.93	13.82	
CO (8760 hrs/yr)	(13)(14)	tons/yr	46.60	45.59	34.84	26.29	
THC (mol. wt. of 15.84) (8760 hrs/yr)	(13)(14)	tons/yr	50.29	48.79	34.03	21.74	
NMHC (mol. wt. of 15.84) (8760 hrs/yr)	(13)(14)	tons/yr	8.55	8.29	5.78	3.70	
NMNEHC (VOCs) (mol. wt. of 15.84) (8760 hrs/yr)	(13)(14)(15)	tons/yr	8.05	7.81	5.44	3.48	
HCHO (Formaldehyde) (8760 hrs/yr)	(13)(14)	tons/yr	6.67	6.51	4.87	3.07	
CO2 (8760 hrs/yr)	(13)(14)	tons/yr	11233	11000	8495	6271	
EXHAUST OXYGEN	(13)(16)	% DRY	9.5	9.4	8.8	8.3	

HEAT REJECTION							
LHV INPUT	(17)	Btu/min	275874	270580	213691	157507	
HEAT REJ. TO JACKET WATER (JW)	(18)	Btu/min	25335	25165	22024	16962	
HEAT REJ. TO ATMOSPHERE (INCLUDES GENERATOR)	(18)	Btu/min	10015	10000	9767	10389	
HEAT REJ. TO LUBE OIL (OC)	(18)	Btu/min	12304	12204	11067	9692	
HEAT REJECTION TO EXHAUST (LHV TO 248°F)	(18)	Btu/min	58579	58022	49983	41020	
HEAT REJ. TO A/C - STAGE 1 (1AC)	(18)(20)	Btu/min	22879	21795	12058	4577	
HEAT REJ. TO A/C - STAGE 2 (2AC)	(18)(20)	Btu/min	11290	10980	7984	5035	
PUMP POWER	(19)	Btu/min	1347	1347	1347	1347	

COOLING SYSTEM SIZING CRITERIA							
TOTAL JACKET WATER CIRCUIT (JW+OC+1AC)	(21)	Btu/min	73664	74418			
TOTAL AFTERCOOLER CIRCUIT (2AC)	(21)	Btu/min	13519	13772			
HEAT REJECTION TO EXHAUST (LHV TO 248°F)	(21)	Btu/min	64437	63825			

A cooling system safety factor of 0% has been added to the cooling system sizing criteria.

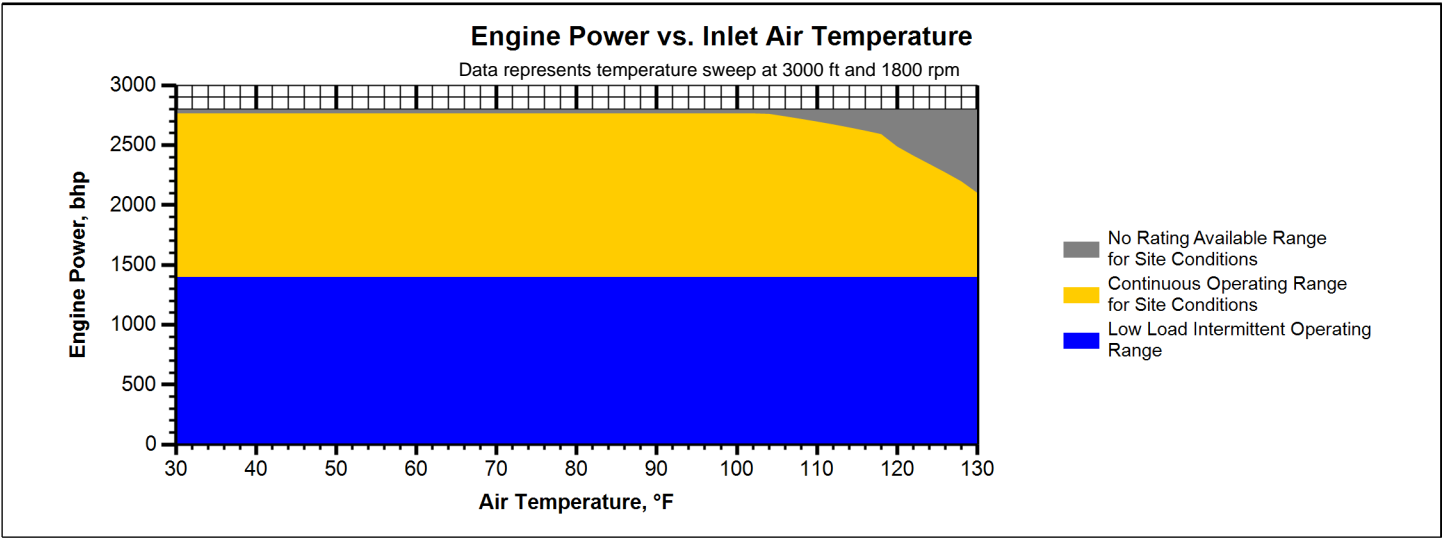
MINIMUM HEAT RECOVERY							
TOTAL JACKET WATER CIRCUIT (JW+OC+1AC)	(22)	Btu/min	54380	53116			
TOTAL AFTERCOOLER CIRCUIT (2AC)	(22)	Btu/min	10726	10431			
HEAT REJECTION TO EXHAUST (LHV TO 248°F)	(22)	Btu/min	44921	43612			

CONDITIONS AND DEFINITIONS

Engine rating obtained and presented in accordance with ISO 3046/1, adjusted for fuel, site altitude and site inlet air temperature. 100% rating at maximum inlet air temperature is the maximum engine capability for the specified fuel at site altitude and maximum site inlet air temperature. Maximum rating is the maximum capability at the specified aftercooler inlet temperature for the specified fuel at site altitude and reduced inlet air temperature. Refer to product O&M manual for details on additional lower load capability. No overload permitted at rating shown.

For notes information consult page three.

WARNINGS ISSUED FOR THIS RATING CONSULT PAGE 3



NOTES:

1. Fuel pressure range specified is to the engine fuel control valve. Additional fuel train components should be considered in pressure and flow calculations.
2. Generator efficiencies, power factor, and voltage are based on standard generator. [Genset Power (ekW) is calculated as: (Engine Power (bkW) x Generator Efficiency) - Ancillary Load (ekW)], [Genset Power (kVA) is calculated as: ((Engine Power (bkW) x Generator Efficiency) - Ancillary Load (ekW))/ Power Factor]
3. Rating is with two engine driven water pumps. Tolerance is (+)3, (-)0% of full load. All derates are applied without pumps, then pump power is subtracted to obtain final rating. The rating shown assumes "inlet air temp" is defined as the air temperature immediately outside the enclosure, at the point where combustion air enters. Engine is equipped with a Humidity Management Strategy that will optimize SCAC inlet water temperature and limit available power during periods of high ambient humidity to protect the engine. When operating in high humidity conditions, please contact dealer / A&I team for details.
4. Genset Efficiency published in accordance with ISO 3046/1.
5. Thermal Efficiency is calculated based on energy recovery from the jacket water, lube oil, 1st stage aftercooler, and exhaust to 248°F with engine operation at ISO 3046/1 Genset Efficiency, and assumes unburned fuel is converted in an oxidation catalyst.
6. Total efficiency is calculated as: Genset Efficiency + Thermal Efficiency. Tolerance is ±10% of full load data.
7. ISO 3046/1 Genset fuel consumption tolerance is (+)5, (-)0% at the specified power factor. Nominal genset and engine fuel consumption tolerance is ± 1.5% of full load data at the specified power factor.
8. Air flow value is on a 'wet' basis. Flow is a nominal value with a tolerance of ± 5 %.
9. Inlet manifold pressure is a nominal value with a tolerance of ± 5 %.
10. Exhaust temperature is a nominal value with a tolerance of (+)63°F, (-)54°F.
11. Exhaust flow value is on a "wet" basis. Flow is a nominal value with a tolerance of ± 6 %.
12. Inlet and Exhaust Restrictions are maximum allowed values at the corresponding loads. Increasing restrictions beyond what is specified will result in a significant engine derate.
13. Emissions data is at engine exhaust flange prior to any after treatment.
14. NOx tolerance's are ± 18% Annual totals are based on 8760 operating hours per year. of specified value. All other emission values listed are higher than nominal levels to allow for instrumentation, measurement, and engine-to-engine variations. They indicate the maximum values expected under steady state conditions. Fuel methane number cannot vary more than ± 3. THC, NMHC, and NMNEHC do not include aldehydes
15. VOCs - Volatile organic compounds as defined in US EPA 40 CFR 60, subpart JJJJ
16. Exhaust Oxygen level is the result of adjusting the engine to operate at the specified NOx level. Tolerance is ± 0.5.
17. LHV rate tolerance is ± 1.5%.
18. Heat rejection values are representative of site conditions. Tolerances, based on treated water, are ± 10% for jacket water circuit, ± 50% for atmosphere, ± 20% for lube oil circuit, ± 10% for exhaust, and ± 5% for aftercooler circuit.
19. Pump power includes engine driven jacket water and aftercooler water pumps. Engine brake power includes effects of pump power.
20. Aftercooler heat rejection is nominal for site conditions and does not include an aftercooler heat rejection factor. Aftercooler heat rejection values at part load are for reference only.
21. Cooling system sizing criteria represent the expected maximum circuit heat rejection for the ratings at site, with applied plus tolerances. Total circuit heat rejection is calculated using formulas referenced in the notes on the standard tech data sheet with the following qualifications. Aftercooler heat rejection data (1AC & 2AC) is based on the standard rating. Jacket Water (JW) and Oil Cooler (OC) heat rejection values are based on the respective site or maximum column. Aftercooler heat rejection factors (ACHRF) are specific for the site elevation and inlet air temperature specified in the site or maximum column, referenced from the table on the standard data sheet
22. Minimum heat recovery values represent the expected minimum heat recovery for the site, with applied minus tolerances. Do not use these values for cooling system sizing.

WARNING:

1. Continuous operation at rated power above 40C(104F) ambient air temperatures may contribute to faster degradation of generator insulation. Consult TMI for degradation curves.

Constituent	Abbrev	Mole %	Norm
Water Vapor	H2O	0.0000	0.0000
Methane	CH4	92.2700	92.2700
Ethane	C2H6	2.5000	2.5000
Propane	C3H8	0.5000	0.5000
Isobutane	iso-C4H10	0.0000	0.0000
Norbutane	nor-C4H10	0.2000	0.2000
Isopentane	iso-C5H12	0.0000	0.0000
Norpentane	nor-C5H12	0.1000	0.1000
Hexane	C6H14	0.0500	0.0500
Heptane	C7H16	0.0000	0.0000
Nitrogen	N2	3.4800	3.4800
Carbon Dioxide	CO2	0.9000	0.9000
Hydrogen Sulfide	H2S	0.0000	0.0000
Carbon Monoxide	CO	0.0000	0.0000
Hydrogen	H2	0.0000	0.0000
Oxygen	O2	0.0000	0.0000
Helium	HE	0.0000	0.0000
Neopentane	neo-C5H12	0.0000	0.0000
Octane	C8H18	0.0000	0.0000
Nonane	C9H20	0.0000	0.0000
Ethylene	C2H4	0.0000	0.0000
Propylene	C3H6	0.0000	0.0000
TOTAL (Volume %)		100.0000	100.0000

Fuel Makeup:
Unit of Measure:

Nat Gas
English

Calculated Fuel Properties

Caterpillar Methane Number:	84.7
Lower Heating Value (Btu/scf):	905
Higher Heating Value (Btu/scf):	1004
WOBBE Index (Btu/scf):	1168
THC: Free Inert Ratio:	21.83
Total % Inerts (% N2, CO2, He):	4.38%
RPC (%) (To 905 Btu/scf Fuel):	100%
Compressibility Factor:	0.998
Stoich A/F Ratio (Vol/Vol):	9.45
Stoich A/F Ratio (Mass/Mass):	15.75
Specific Gravity (Relative to Air):	0.600
Fuel Specific Heat Ratio (K):	1.313

CONDITIONS AND DEFINITIONS

Caterpillar Methane Number represents the knock resistance of a gaseous fuel. It should be used with the Caterpillar Fuel Usage Guide for the engine and rating to determine the rating for the fuel specified. A Fuel Usage Guide for each rating is included on page 2 of its standard technical data sheet.

RPC always applies to naturally aspirated (NA) engines, and turbocharged (TA or LE) engines only when they are derated for altitude and ambient site conditions.

Project specific technical data sheets generated by the Caterpillar Gas Engine Rating Pro program take the Caterpillar Methane Number and RPC into account when generating a site rating.

Fuel properties for Btu/scf calculations are at 60F and 14.696 psia.

Caterpillar shall have no liability in law or equity, for damages, consequently or otherwise, arising from use of program and related material or any part thereof.

FUEL LIQUIDS

Field gases, well head gases, and associated gases typically contain liquid water and heavy hydrocarbons entrained in the gas. To prevent detonation and severe damage to the engine, hydrocarbon liquids must not be allowed to enter the engine fuel system. To remove liquids, a liquid separator and coalescing filter are recommended, with an automatic drain and collection tank to prevent contamination of the ground in accordance with local codes and standards.

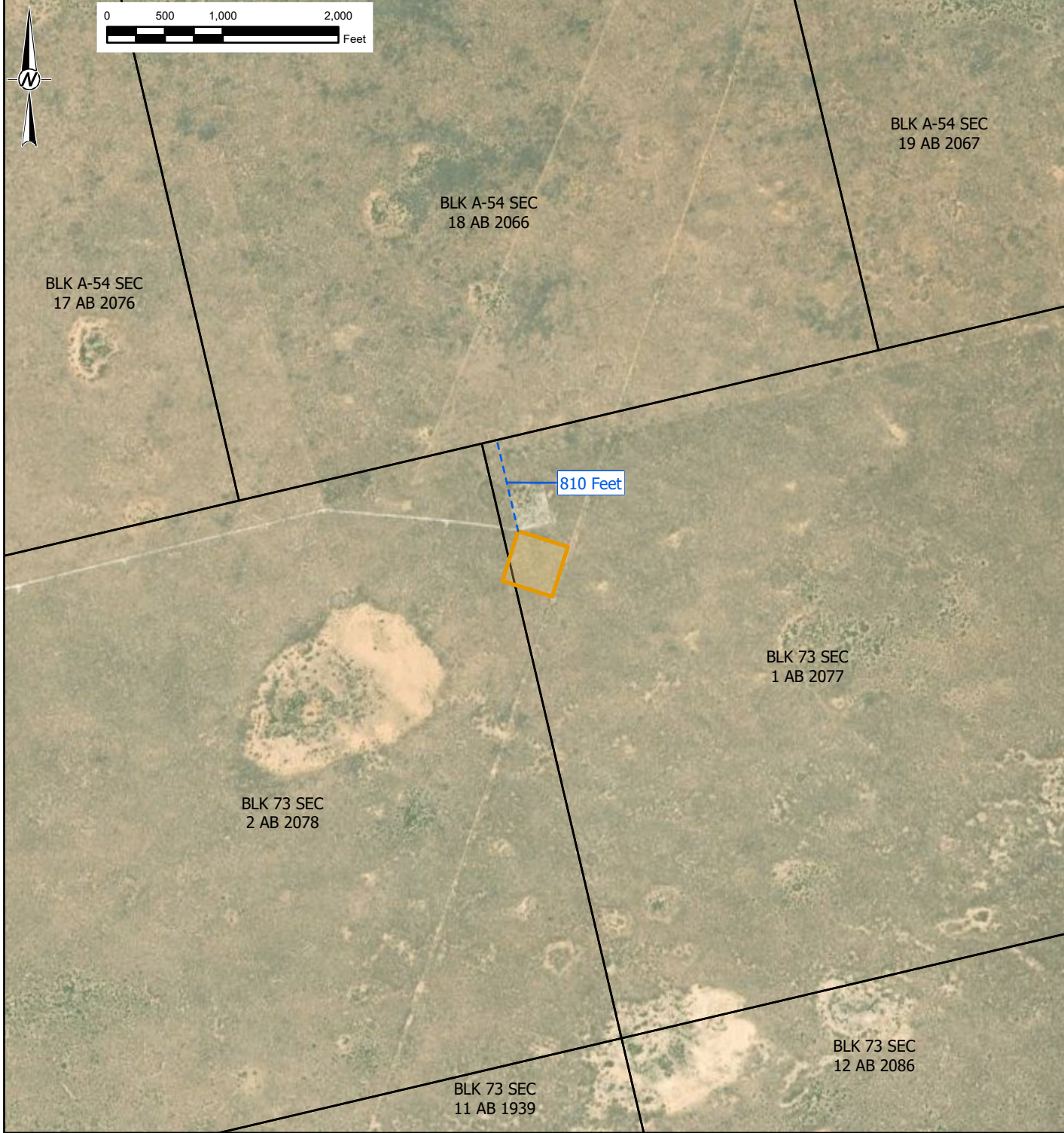
To avoid water condensation in the engine or fuel lines, limit the relative humidity of water in the fuel to 80% at the minimum fuel operating temperature.

WARNING:



1. Continuous operation at rated power above 40C(104F) ambient air temperatures may contribute to faster degradation of generator insulation. Consult TMI for degradation curves.

APPENDIX C

Figures



LEGEND

-  PROPOSED NGL FACILITY
-  PARCEL BOUNDARY

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE TEXAS NORTH CENTRAL FIPS 4202 FEET.
2. BACKGROUND IMAGERY: ESRI BASEMAP SERVICE. VIVID. MAXAR. IMAGERY CAPTURED 6/27/2023.
3. PARCEL BOUNDARY: ANDREWS COUNTY TEXAS ASSESSOR'S OFFICE. PARCEL RECORDS DOWNLOADED 3/28/2024.

CLIENT

NGL WATER SOLUTIONS

PROJECT

PROPOSED SURFACE NNG TO LEX II
SECTION 2, BLOCK 73, PUBLIC SCHOOL LAND SURVEY
(H.G. BEDFORD JR.) ABSTRACT NO. 2078
ANDREWS COUNTY, TEXAS

TITLE

SURFACE SITE MAP

CONSULTANT



YYYY-MM-DD 2024-08-26

DESIGNED RHG

PREPARED RHG

REVIEWED ----

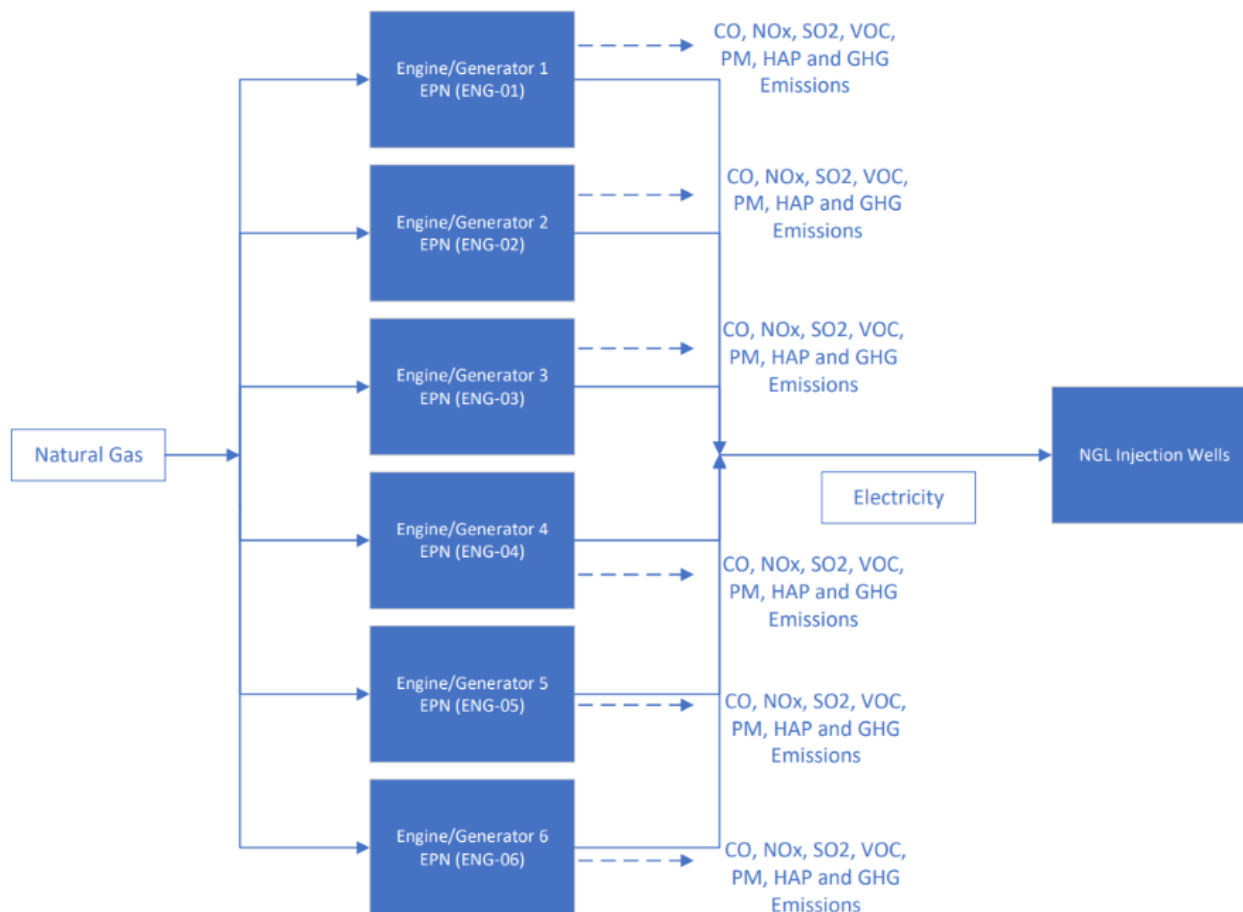
APPROVED ----

PROJECT NO.

US0035037.5509

FIGURE

2



**Process Flow Diagram for Internal Combustion Equipment
NGL Water Solutions Permian, LLC**

Drawn	Date
MB	08/26/2024
Checked	Date
SS	08/26/2024

Andrews County, TX
US0035037.5509



**Section
3**

APPENDIX D

TCEQ Application Forms

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
RN:
CN:
Account No.:
Permit No.:
Project No.:
Area Name:
Company Name:
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Responsible Official Representative <input type="checkbox"/> Duly Authorized
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Other:

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

IV. Certification of Truth

This certification does not extend to information which is designated by TCEQ as information for reference only.

I, Douglas White certify that I am the Responsible Official (RO)
(Certifier Name printed or typed) *(RO or DAR)*

and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:

Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From _____ to _____
(Start Date) *(End Date)*

Specific Dates: 8/30/2024
(Date 1) *(Date 2)* *(Date 3)* *(Date 4)*

(Date 5) *(Date 6)*

Signature:  **Signature Date:** 8/27/2024

Douglas White

Executive Vice President
Title: _____

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.

I. Identifying Information
RN:
CN:
Account No.:
Permit No.:
Project No.:
Area Name:
Company Name:
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Designated Representative <input type="checkbox"/> Alternated Designated Representative
III. Requirement and Submittal Type <i>(Please mark the appropriate boxes for each row)</i>
Requirement: <input type="checkbox"/> Acid Rain Permit <input type="checkbox"/> Cross-State Air Pollution Rule (CSAPR)
Submittal Type: <input type="checkbox"/> Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input type="checkbox"/> Permit Revision or Renewal <input type="checkbox"/> Other:

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

IV. Certification of Truth

I, Douglas White certify that I am the RO
(Certifier Name printed or typed) (RO or DAR)

am authorized to make this submission on behalf of the owners and operators of the source or units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment. The above certification is for the statements and information dated during the time period or on the specific date(s) below:
Note: Enter Either a Time Period or Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).

Time Period: From _____ to _____
(Start Date) (End Date)

Specific Dates: 8/30/2024
(Date 1) (Date 2) (Date 3) (Date 4)
(Date 5) (Date 6)

Signature:  Signature Date: 8/27/2024

Title: Executive Vice President

**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) 239-1250 or 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:
B. Customer Reference Number (CN): CN
C. Submittal Date (mm/dd/yyyy):
II. Site Information
A. Site Name:
B. Regulated Entity Reference Number (RN): RN
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> 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>
<input type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> 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.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Has the required Public Involvement Plan been included with this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name:	
RO 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 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name:
Technical Contact Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator:
B. State Representative:
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name:
B. Physical Address:
City:
State:
ZIP Code:
C. Physical Location:
D. Nearest City:
E. 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 <i>(continued)</i>
G. Latitude (nearest second):
H. Longitude (nearest second):
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? <input type="checkbox"/> YES <input type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area:
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit:
B. Physical Address:
City:
ZIP Code:
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name:
Contact Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

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. ☐ Ms. ☐ 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)
Texas Commission on Environmental Quality**

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
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM**

Table 1

Date	Permit No.	Regulated Entity No.

Unit/Process ID No.	Applicable Form	Unit Name/Description	CAM	Preconstruction Authorizations 30 TAC Chapter 116/30 TAC Chapter 106	Preconstruction Authorizations Title I	Group ID No..

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary
Form OP-SUM**

Table 2: Acid Rain, Cross-State Air Pollution Rule (CSAPR), and Texas SO₂ Trading Program

Date	Permit No.	Regulated Entity No.

Unit ID No.	Applicable Form	COR Unit ID No.	Acid Rain	ARP Status	CSAPR	CSAPR Monitoring	Texas SO ₂	Texas SO ₂ Monitoring	COR

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

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

Unit ID No.	PBR No.	Version No./Date

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

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

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

New Permit or Registration Application

New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V
Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)
Texas Land Application Permit (TLAP)
State Only Concentrated Animal Feeding Operation (CAFO)
Water Treatment Plant Residuals Disposal Permit
Class B Biosolids Land Application Permit
Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water
Add a New or Existing Reservoir
Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Placed in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Placed in Service	Diesel HP Rating

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 2)**

Federal Operating Permit Program

Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	NO _x Emission Limitation	23-C Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO _x Averaging Method	NO _x Reduction	NO _x Monitoring System

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 3)**

Federal Operating Permit Program

Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial, and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH ₃ Emission Limitation	NH ₃ Monitoring

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)

Federal Operating Permit Program

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
8/30/2024	O4663	111981288

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
ENG-01	63ZZZZ-ENG-01	AREA	500+	06+			
ENG-02	63ZZZZ-ENG-02	AREA	500+	06+			
ENG-03	63ZZZZ-ENG-03	AREA	500+	06+			
ENG-04	63ZZZZ-ENG-04	AREA	500+	06+			
ENG-05	63ZZZZ-ENG-05	AREA	500+	06+			
ENG-06	63ZZZZ-ENG-06	AREA	500+	06+			

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 5)**

Federal Operating Permit Program

Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Operating Hours	Different Schedule	Emission Limitation	Displacement

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 6)**

Federal Operating Permit Program

Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
8/30/24	O4663	111981288

Unit ID No.	SOP/GOP Index No.	Crankcase	Performance Test	Control Technique	Operating Limits	Monitoring System
ENG-01	63ZZZZ-ENG-01	NO	NO	OXCAT		NOx Feedback Monitoring System
ENG-02	63ZZZZ-ENG-02	NO	NO	OXCAT		NOx Feedback Monitoring System
ENG-03	63ZZZZ-ENG-03	NO	NO	OXCAT		NOx Feedback Monitoring System
ENG-04	63ZZZZ-ENG-04	NO	NO	OXCAT		NOx Feedback Monitoring System
ENG-05	63ZZZZ-ENG-05	NO	NO	OXCAT		NOx Feedback Monitoring System
ENG-06	63ZZZZ-ENG-06	NO	NO	OXCAT		NOx Feedback Monitoring System

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 7)**

Federal Operating Permit Program

**Table 3: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117) Subchapter E: Multi-Region Combustion Control
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Unit Type	Horsepower Rating	Landfill	Control Operations	NO _x and O ₂ Monitoring	Ammonia Use	NHR ₃ Emission Limitation	Ammonia Monitoring

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 8)**

Federal Operating Permit Program

Table 4a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
8/30/24	O4663	111981288

Unit ID No.	SOP/GOP Index No.	Construction/ Reconstruction/ Modification Date	Test Cell	Exemption	Temp Replacement	Horsepower	Fuel	AEL No.	Lean Burn	Commencing
ENG-01	60JJJJ-ENG-01	YES	NO	NONE	NO	1350+	NATG AS			CON
ENG-02	60JJJJ -ENG-02	YES	NO	NONE	NO	1350+	NATG AS			CON
ENG-03	60JJJJ -ENG-03	YES	NO	NONE	NO	1350+	NATG AS			CON
ENG-04	60JJJJ -ENG-04	YES	NO	NONE	NO	1350+	NATG AS			CON
ENG-05	60JJJJ -ENG-05	YES	NO	NONE	NO	1350+	NATG AS			CON
ENG-06	60JJJJ -ENG-06	YES	NO	NONE	NO	1350+	NATG AS			CON

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 9)
Federal Operating Permit Program
Table 4b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
8/30/24	O4663	111981288

Unit ID No.	SOP/GOP Index No.	Manufacture Date	Displacement	Certified	Operation	Certified Modification	Service	Severe Duty	Optional Compliance
ENG-01	60JJJJ-ENG-01	N0710+		YES	YES		NON		
ENG-02	60JJJJ -ENG-02	N0710+		YES	YES		NON		
ENG-03	60JJJJ -ENG-03	N0710+		YES	YES		NON		
ENG-04	60JJJJ -ENG-04	N0710+		YES	YES		NON		
ENG-05	60JJJJ -ENG-05	N0710+		YES	YES		NON		
ENG-06	60JJJJ -ENG-06	N0710+		YES	YES		NON		

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)
Federal Operating Permit Program
Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)**

Federal Operating Permit Program

Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)
Federal Operating Permit Program
Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input type="checkbox"/> YES <input type="checkbox"/> 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. <input type="checkbox"/> YES <input type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149. <input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <input type="checkbox"/> YES <input type="checkbox"/> NO <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	
3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. <input type="checkbox"/> YES <input type="checkbox"/> NO	

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215. <input type="checkbox"/> YES <input type="checkbox"/> NO
II. Title 30 TAC 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. <input type="checkbox"/> YES <input type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆	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. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i> <input type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage 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. <input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 5	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 6		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
D. Loading 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities		
◆	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. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 7		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	<p>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.</p> <p><i>If the response to Question III.E.8 is "YES," go to Section III.F.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 8		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	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. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 9	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆	<div>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. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i></div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div>
◆	<div>2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.</div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	<div>3. The application area includes a motor vehicle fuel dispensing facility.</div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	<div>4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.</div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	
	<div>1. The application area is located at a petroleum refinery.</div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆	<div>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.</div> <div style="text-align: right; padding-right: 20px;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 10	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
K. Cutback 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. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 11		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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 § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 14		
IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆	<div>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.</div> <div><i>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.</i></div>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>2. The application area is located at a site that was a major source of NO_x before November 15, 1992.</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<div>3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Adipic Acid Manufacturing		
	<div>1. The application area is located at, or part of, an adipic acid production unit.</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
	<div>1. The application area is located at, or part of, a nitric acid production unit.</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines		
◆	<div>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).</div> <div><i>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.</i></div>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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).</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<div>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).</div>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form 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, 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility 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. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	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. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 16	
V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All automobile refinishing 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input type="checkbox"/> 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>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 18		
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants		
1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants 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. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 19	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>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.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>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.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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. <i>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.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 20	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><i>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.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<p>5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.</p>
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. 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	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 22		
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. 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>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆	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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 23		
VI. Title 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 24		
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. 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		
◆	<p>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</p> <p><i>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.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>4. The application area includes at least one air curtain incinerator.</p> <p><i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p> <p><i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 25	
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. 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.
<input type="checkbox"/> YES <input type="checkbox"/> 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.
<input type="checkbox"/> YES <input type="checkbox"/> 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.
<input type="checkbox"/> YES <input type="checkbox"/> NO	
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆	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.
<input type="checkbox"/> YES <input type="checkbox"/> NO	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆	1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>
YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
B. Subpart 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 <input type="checkbox"/> NO	
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆	1. The application area includes equipment in benzene service.
<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 26	
VII. Title 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). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
<i>Applicability</i>	
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. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Roadway Construction</i>	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Manufacturing Commercial Asbestos</i>	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 27	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
d. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
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 <input type="checkbox"/> NO <input type="checkbox"/>
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 <input type="checkbox"/> NO <input type="checkbox"/>
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 28	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	YES <input type="checkbox"/> NO <input type="checkbox"/>
e. Asbestos-containing waste material is adequately wetted.	YES <input type="checkbox"/> NO <input type="checkbox"/>
f. Alternative filtering equipment is being used that has received EPA approval.	YES <input type="checkbox"/> NO <input type="checkbox"/>
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
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 <input type="checkbox"/> NO <input type="checkbox"/>
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 29	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	YES <input type="checkbox"/> NO <input type="checkbox"/>
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 <input type="checkbox"/> NO <input type="checkbox"/>
<i>Non-sprayed Asbestos Insulation</i>	
6. 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 <input type="checkbox"/> NO <input type="checkbox"/>
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 30	
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
<i>Applicability</i>	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 31	
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)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Waste 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 32	
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)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual 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. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	YES <input type="checkbox"/> 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 <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	YES <input type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 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. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. 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). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
<p>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). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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	
<i>Applicability</i>	
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. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Vapor Collection and Closed Vent Systems</i>	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Process Wastewater Streams</i>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
<i>Process Wastewater Streams (continued)</i>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 38	
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)	
Process 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. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
<i>Drains</i>	
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. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 41	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
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. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 42	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
<p>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. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 43	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
<p>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. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes one or more kraft pulping systems that are existing sources.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
<p>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. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 46	
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)	
Containers	
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
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. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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 1 Polymers and Resins (continued)	
<i>Drains (continued)</i>	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 48	
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. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
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). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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 Petroleum Refineries (continued)	
Applicability (continued)	
<p>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). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
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. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 53	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 54		
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<p>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.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><i>For SOP applications, if 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.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 55	
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. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart 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. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 56	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 58	
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)	
<p>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. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 59	
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)	
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>20. The application area includes an ethylene production process unit.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<p>21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
<p>22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
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).	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 61	
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)	
<p>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. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-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). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 64	
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)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
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. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 65	
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)	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
X. 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
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. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
<i>Drains (continued)</i>	
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). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
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	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 68	
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 Refineries: 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
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).	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
<p>5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 71	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 72	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
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>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 73	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
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. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
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. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

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 Source Category: 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. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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).	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 75	
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GG. Recently 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. <i>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.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 76	
IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆	<div style="display: flex; justify-content: space-between;"> <div>1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆	<div style="display: flex; justify-content: space-between;"> <div>1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆	<div style="display: flex; justify-content: space-between;"> <div>1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆	<div style="display: flex; justify-content: space-between;"> <div>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.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
D. Subpart D - Federal Procurement	
◆	<div style="display: flex; justify-content: space-between;"> <div>1. The application area is owned/operated by a department, agency, or instrumentality of the United States.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆	<div style="display: flex; justify-content: space-between;"> <div>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.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div>2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div>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.</div> <div> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 77	
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)	
F. Subpart 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. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart 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. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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). <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area. <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements 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. <input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 78	
XI. Miscellaneous (continued)	
B. Forms	
◆	<div style="display: flex; justify-content: space-between;"> <div> 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i> </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
◆	2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.
C. Emission Limitation Certifications	
◆	<div style="display: flex; justify-content: space-between;"> <div> 1. The application area includes units for which federally enforceable emission limitations have been established by certification. </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
	<div style="display: flex; justify-content: space-between;"> <div> 1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div> 2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP. </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div> 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. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i> </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div> 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. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i> </div> <div style="text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 79	
XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 80	
XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 81		
XI. Miscellaneous (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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 82		
XI. Miscellaneous (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 .	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 83		
XI. 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. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> 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. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆	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).	<input type="checkbox"/> YES <input type="checkbox"/> 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). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 84		
XI. Miscellaneous (continued)		
L. Compliance 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 85		
XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	<p>1. The application area includes at least one Air Quality Standard Permit NSR authorization.</p> <p><i>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.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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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.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit 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.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:
Authorization No.:	Issuance Date:	Authorization No.:	Issuance Date:

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

Date:	
Permit No.:	
RN No.:	

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these question 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 TAC Chapter 106) for the Application Area	
<i>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.</i>	
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:
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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 No.:	Issuance Date:

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
8/30/2024	O4663	111981288

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		ENG-01	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-01	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-01	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-01	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-01	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-01	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.
		ENG-02	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-02	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-02	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-02	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-02	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-02	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		ENG-03	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-03	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-03	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-03	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-03	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-03	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.
		ENG-04	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-04	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-04	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-04	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-04	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-04	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
		ENG-05	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-05	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-05	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-05	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-05	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-05	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.
		ENG-06	OP-UA2	Chapter 117 Subchapter B	§ 117.100	Not applicable as unit is located in attainment area of Andrews County.
		ENG-06	OP-UA2	Chapter 117 Subchapter B	§ 117.200	Not applicable as unit is located in attainment area of Andrews County.
		ENG-06	OP-UA2	Chapter 117 Subchapter B	§ 117.300	Not applicable as unit is located in attainment area of Andrews County.
		ENG-06	OP-UA2	Chapter 117 Subchapter B	§ 117.400	Not applicable as unit is located in attainment area of Andrews County.
		ENG-06	OP-UA2	Chapter 117 Subchapter E	§ 117.3300	Not applicable as unit is located in Andrews County.
		ENG-06	OP-UA2	NSPS IIII	§ 60.4200	Not a compression ignition engine.

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

Table 1a: Additions

Date: 8/30/2024	Regulated Entity No.: 111981288	Permit No.: O4663
Company Name: NGL Water Solutions, LLC	Area Name: LEX II Generator	

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)
	ENG-01	OP-UA2	63ZZZZ-ENG-01	HAPS	MACT ZZZZ	§63.6590(c)(1)
	ENG-01	OP-UA2	60JJJJ-ENG-01	NOX	NSPS JJJJ	§60.4233(e)-Table 1 6 §60.4234 §60.4243(a)(2) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b) §60.4243(b)(1) §60.4243(b)(2) §60.4243(b)(2)(ii) §60.4243(e) §60.4243(g)

	ENG-01	OP-UA2	60JJJ-ENG-01	CO	NSPS JJJ	§60.4233(e)-Table 1 19 §60.4234 §60.4243(a)(2) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b) §60.4243(b)(1) §60.4243(b)(2) §60.4243(b)(2)(ii) §60.4243(e) §60.4243(g)
	ENG-01	OP-UA2	60JJJ-ENG-01	VOC	NSPS JJJ	§60.4234 §60.4243(a)(2) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b) §60.4243(b)(1) §60.4243(b)(2) §60.4243(b)(2)(ii) §60.4243(e) §60.4243(g)

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

Table 1b: Additions

Date: 8/30/2024	Regulated Entity No.: 111981288	Permit No.: O4663
Company Name: NGL Water Solutions, LLC	Area Name: LEX II Generator	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	ENG-01	60JJJ-ENG-01	NOX	§60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4244(a) §60.4244(b) §60.4244(c) §60.4244(d)	§60.4243(a)(1) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4245(a) §60.4245(a)(1) §60.4245(a)(2) §60.4245(a)(3) §60.4245(a)(4)	§60.4245(c) §60.4245(d)
	ENG-01	60JJJ-ENG-01	CO	§60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4244(a) §60.4244(b) §60.4244(c) §60.4244(e)	§60.4243(a)(1) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4245(a) §60.4245(a)(1) §60.4245(a)(2) §60.4245(a)(3) §60.4245(a)(4)	§60.4245(c) §60.4245(d)

	ENG-01	60JJJ-ENG-01	VOC	§60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4244(a) §60.4244(b) §60.4244(c) §60.4244(f) §60.4244(g)	§60.4243(a)(1) §60.4243(a)(2)(i) §60.4243(a)(2)(ii) §60.4243(a)(2)(iii) §60.4243(b)(2)(ii) §60.4243(e) §60.4245(a) §60.4245(a)(1) §60.4245(a)(2) §60.4245(a)(3) §60.4245(a)(4)	§60.4245(c) §60.4245(d)

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

Table 2a: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

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)

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

Table 2b: Deletions

Date:	Regulated Entity No.:	Permit No.:
Company Name:	Area Name:	

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

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date:	Regulated Entity No.:	Permit No.:
Company Name:		Area Name:

- 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	
<p>The <i>Responsible Official</i> 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.</p>	
B. 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?	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</p> <p>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</p>	

**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date:	Regulated Entity No.:	Permit No.:
Company Name:		Area Name:

Part 2

A. Compliance Schedule		
<p>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. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.</p>		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s):		
SOP Index No.:		
Pollutant:		
Applicable Requirement		
Citation	Text Description	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	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:	Regulated Entity No.:	Permit No.:
Company Name:		Area Name:

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
7. Progress Report Submission Schedule	



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

August 5, 2024

MR DOUGLAS WHITE
EXECUTIVE VICE PRESIDENT
NGL WATER SOLUTIONS PERMIAN LLC
865 ALBION ST STE 500
DENVER CO 80220-4807

Re: Full Application Review
Initial Issuance
Project Number: 36887
Permit Number: O4663
NGL Water Solutions Permian, LLC
LEX II Generator
Andrews, Andrews County
Regulated Entity Number: RN111981288
Customer Reference Number: CN606195709

Dear Mr. White:

The Texas Commission on Environmental Quality (TCEQ) has received an abbreviated application for the above-referenced facility which was submitted pursuant to Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122). At this time, the Air Permits Division staff is ready to begin review of your full application. Please submit all remaining application materials for the area addressed by your application no later than August 30, 2024. All application updates are required to be certified.

Application updates must now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1 that must accompany the updates.

If you need guidance on how to submit an update in STEERS, please refer to our STEERS guidance linked below.

[TCEQ RG-531c - A Guide to Obtaining Title V Permits in STEERS ePermits \(texas.gov\)](https://www.tceq.texas.gov/steers/guidance)

Submittal of this information is required in accordance with the provisions outlined in 30 TAC § 122.132. Upon receipt of the information, we will proceed with the administrative and technical review of your application. If the information furnished in response to this notice results in the need for further clarification or additional information, we will communicate that need as soon as possible.

Mr. Douglas White
Page 2
August 5, 2024

If you have submitted the requested information, please disregard this notice. Thank you for your cooperation in this matter. If you have questions concerning the review or this notice, please contact Mr. Mark Meyer at (512) 239-0445.

Sincerely,

A handwritten signature in black ink, appearing to read "Rhyon S. Stone". The signature is fluid and cursive, with the first name "Rhyon" being more prominent.

Rhyon Stone, Team Leader
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality

cc: Mr. Jonathan Jiang, Vice President Engineering, NGL Water Solutions Permian, LLC, Denver
Air Section Manager, Region 7 - Midland

Project Number: 36887

Texas Commission on Environmental Quality

Title V New

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	LEX II GENERATOR
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	BLK 73, SEC 1, A-2077. ROUGHLY 21.20 MILES SW OF ANDREWS, TX.
City	ANDREWS
State	TX
ZIP	79714
County	ANDREWS
Latitude (N) (##.#####)	32.161678
Longitude (W) (-###.#####)	-102.86068
Primary SIC Code	
Secondary SIC Code	
Primary NAICS Code	
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN111981288
What is the name of the Regulated Entity (RE)?	LEX II GENERATOR
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	BLK 73, SEC 1, A-2077. ROUGHLY 21.20 MILES SW OF ANDREWS, TX.
City	ANDREWS
State	TX
ZIP	79714
County	ANDREWS
Latitude (N) (##.#####)	32.161678
Longitude (W) (-###.#####)	-102.86068
Facility NAICS Code	
What is the primary business of this entity?	POWER GENERATOR

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN606195709
Type of Customer	Partnership
Full legal name of the applicant:	
Legal Name	NGL Water Solutions Permian, LLC
Texas SOS Filing Number	804955238
Federal Tax ID	
State Franchise Tax ID	13204127727
State Sales Tax ID	
Local Tax ID	
DUNS Number	

Number of Employees

Independently Owned and Operated?

No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name

NGL Water Solutions Permian LLC

Prefix

MR

First

Jonathan

Middle

Last

Jiang

Suffix

Credentials

Title

VP, Engineering

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

865 ALBION ST

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

City

DENVER

State

CO

ZIP

80220

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

2815468489

Extension

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

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

E-mail

jonathan.jiang@nglep.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Responsible Official Contact

Organization Name

NGL Water Solutions Permian LLC

Prefix

MR

First

Jonathan

Middle

Last

Jiang

Suffix

Credentials

Title

VP, Engineering

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

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

865 ALBION ST

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

City

DENVER

State

CO

ZIP	80220
Phone (###-###-####)	2815468489
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	jonathan.jiang@nglep.com

Title V General Information - New

1) Permit Latitude Coordinate:	32 Deg 9 Min 42 Sec
2) Permit Longitude Coordinate:	102 Deg 51 Min 38 Sec
3) Is this submittal a new application or an update to an existing application?	New Application
3.1. What type of Federal Operating Permit are you applying for?	SOP
3.2. Is this submittal an abbreviated or a full application?	Abbreviated
3.3. Is this application for a portable facility?	No
3.4. Is the site a non-major source subject to the Federal Operating Permit Program?	No
3.5. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
3.6. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
4) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments New

Attach OP-1 (Site Information Summary)	
[File Properties]	
File Name	OP_1_NGL TV Abbreviated Application_070924.pdf
Hash	956553D90BF4B6CED093ACD5F839EE89D94BC002001783B2ECCC6F2EF7004B11
MIME-Type	application/pdf
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-SUM (Individual Unit Summary)	
Attach OP-MON (Monitoring Requirements)	

Attach OP-UA (Unit Attribute) Forms

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.

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?	Yes
1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state?	Yes
1.2. Select the applicable expedited surcharge.	\$10,000

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 Joseph Vargo, the owner of the STEERS account ER105405.
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 New.
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: Joseph Vargo OWNER OPERATOR

Account Number:	ER105405
Signature IP Address:	174.78.65.54
Signature Date:	2024-07-18
Signature Hash:	B5E645B69010E29A085CF1C54EEA0EEB3DBF29BA4A6242254321ACFCBE922AE4
Form Hash Code at time of Signature:	32E6E28D6181671FAE2CBC671490FB9A0C29CB55D25D8998379C88DD4EBB600E

Fee Payment

Transaction by:

The expedited fee payment transaction was made by ER105405/Joseph Vargo

Paid by:

The expedited fee was paid by JOSEPH VARGO

Fee Amount:

\$10000.00

Paid Date:

The expedited fee was paid on 2024-07-18

Transaction/Voucher number:

The transaction number is 582EA000618076 and the voucher number is 713609

Submission

Reference Number:

The application reference number is 668363

Submitted by:

The application was submitted by ER105405/Joseph Vargo

Submitted Timestamp:

The application was submitted on 2024-07-18 at 14:32:06 CDT

Submitted From:

The application was submitted from IP address 174.78.65.54

Confirmation Number:

The confirmation number is 551876

Steers Version:

The STEERS version is 6.79

Additional Information

Application Creator: This account was created by Joseph Vargo



REPORT

**Electric Generating Unit (EGU) Title V Permit
Abbreviated Initial Application**

NGL Water Solutions Permian, LLC

Submitted to:

Texas Commission on Environmental Quality (TCEQ)

Air Permits Division MC-163

PO Box 13087

Austin, Texas 78711-3087

Submitted by:

WSP USA, Inc.

7245 W Alaska Dr, STE 200 Lakewood, CO, 80226

31407582.000

July 9, 2024



Distribution List

TCEQ - STEERS submittal

NGL - Electronic copy

WSP - Electronic copy

EPA Region 6 - Electronic copy

Table of Contents

1.0 INTRODUCTION3

2.0 PROJECT EMISSIONS3

3.0 REGULATORY APPLICABILITY4

 3.1 40 Code of Federal Regulations (CFR) Part 60/New Source Performance Standards (NSPS)
 Subpart JJJJ.....4

 3.2 40 CFR Part 61/National Emissions Standards for Hazardous Air Pollutants (NESHAP)
 Subpart ZZZZ4

 3.3 Texas State Rules/30 TAC 122.....4

4.0 PERMIT APPLICATION FORMS5

5.0 CLOSING5

TABLES

No table of figures entries found.

FIGURES

No table of figures entries found.

APPENDICES

APPENDIX A
EGU SP Application Acceptance Letter

APPENDIX B
PTE Calculations

APPENDIX C
Facility Location and Facility Layout

APPENDIX D
TCEQ Application Forms

1.0 INTRODUCTION

NGL Water Solutions Permian, LLC (NGL) is proposing to operate a microgrid power generation facility (the Facility) to be located on a 641.6-acre parcel in Andrews County, TX. The property will be leased from a larger property currently owned by Bruce and Bar. The microgrid will be on a 450 ft by 450 ft pad and will be a self-sustained power generation facility, not connected to the national power grid. The power generated by the proposed Facility will support an NGL injection well facility a few miles away. There is currently no grid power available in the area. The microgrid could not be built on-site, as it needed to be hooked to the nearest natural gas line, approximately 3 miles away from the injection well facility. NGL has made an agreement with Oncor Electric Delivery Company LLC (Oncor), a transmission and distribution electric utility company, to extend grid power up to the project area. The power is however not available for at least 2 more years. Natural gas-fired power generation is therefore required. The proposed Microgrid will consist of 6 Caterpillar (CAT) G3516 LE reciprocating internal combustion engines (RICE) capable of generating 11.5 megawatt (MW) of energy in total. The stationary RICE will combust natural gas only. Each stationary RICE will operate continuously throughout the year (8760 hrs/yr) at 100% load.

Andrews County is classified as attainment for all criteria air pollutants. Based on the Facility's potential to emit (PTE) calculations, the Facility will be a minor source under the New Source Review (NSR) program with regulated NSR pollutants' potential emissions below 250 tons per year (tpy), single hazardous air pollutant (HAP) below 10 tpy, and combined HAPs below 25 tpy. The proposed facility is not a de minimis facility as defined in 30 Texas Administrative Code (TAC) Chapter 116.119 and therefore will need registration or authorization from the Texas Commission on Environmental Quality (TCEQ) before construction can begin. An expedited Electric Generating Unit (EGU) Standard Permit application was submitted to TCEQ on June 26, 2024. The Standard Permit application was approved by TCEQ on July 3, 2024. This approval letter is presented in Appendix A.

Additionally, NGL understands that based on the PTE calculations, the Facility will be considered a major source under 30 Texas Administrative Code (TAC) Chapter 122.10, with nitrogen oxides (NOx) emissions above 100 tons per year (tpy). Therefore, the Facility will need a Federal Operating Permit (also known as Title V permit) from the Texas Commission on Environmental Quality (TCEQ) before operation can begin. However, TCEQ allows new emission units that are subjected to the Federal Operating Permit program to start operation if an abbreviated initial Title V permit application is first submitted to TCEQ, as described in 30 TAC §122.130. This abbreviated initial Title V permit application will be used as a start-up notice, and NGL will complete the rest of the application as instructed once the initial application has been processed.

The PTE Calculations are presented in Appendix B. The facility location and facility layout are presented in Appendix C. TCEQ Title V abbreviated initial application forms are presented in Appendix D.

2.0 PROJECT EMISSIONS

NGL is proposing the following equipment type and number options for the proposed Facility:

- 6 CAT G3516 LE engines – total 11.5 MW

Combustion generated pollutants such as nitrogen oxides (NOx), carbon monoxide (CO), sulfur dioxide (SO₂), particulate matters (PM including PM₁₀ and PM_{2.5}), VOCs, HAPs, and greenhouse gases (GHGs) will be generated due to combustion of natural gas in these RICE.

The PTE was estimated based on continuous (8,760 hrs/yr) for each RICE and emissions factors available either from the equipment manufacturer or from US EPA's AP-42, Compilation of Air Pollutant Emissions Factors. In general, the CO, NOX, VOC, and formaldehyde emissions factors were obtained from the manufacturer data. The remaining NSR pollutants and HAPs emissions, except for formaldehyde rates, were estimated using emissions factors from AP-42 Sections 3.1 or 3.2.

Other than the RICE described above, there will be no other air emissions generating sources at the proposed Facility. A summary of the facility PTE is presented Table 1 and detailed emissions calculations are presented in Table 2 of Appendix B.

3.0 REGULATORY APPLICABILITY

3.1 40 Code of Federal Regulations (CFR) Part 60/New Source Performance Standards (NSPS) Subpart JJJJ

Because the RICE in the proposed microgrid are greater than 500 horsepower (hp) and will commence construction after June 12, 2006, the proposed microgrid is subject to NSPS JJJJ per 40 CFR § 60.4230. As a result, the Facility must comply with the general compliance requirements and notification, reporting and record keeping requirements for certified engines outlined in 40 CFR 60.4243 and 60.4245, respectively. The facility will not be subject to performance testing requirements as the engines are certified.

3.2 40 CFR Part 61/National Emissions Standards for Hazardous Air Pollutants (NESHAP) Subpart ZZZZ

NESHAP ZZZZ applies to facilities which owns or operates any stationary RICE at a major or area source of HAP emissions. As defined in 40 CFR 63.2, the Facility is classified as an area source, therefore NESHAP ZZZZ applies to the Facility. Per 40 CFR 63.6590(c), new or reconstructed stationary RICE located at an area source shall comply with the requirements under NESHAP ZZZZ by meeting the applicable requirements in NSPS JJJJ and no further requirements apply for such engines under this part. Therefore, the Facility only needs to comply with requirements as described in section 3.1 of this report.

3.3 Texas State Rules/30 TAC 122

- **30 TAC §122.10 General Definitions** – As defined in 30 TAC §122.10(13)(C), any site which directly emits or has the potential to emit 100 tpy or more of any air pollutant is classified as major source under 30 TAC Chapter 122. As shown in the PTE calculations, the Facility has the potential to emit 160 tpy of NOx. Therefore, the Facility is considered as a major source.
- **30 TAC §122.120 Applicability** – Per 30 TAC §122.120(a)(1), any site that is a major source as defined in 30 TAC § 122.10 is subject to the requirements of this chapter.
- **30 TAC §122.121 Prohibition on Operation** – Owners and operators of sites that are subject to this chapter shall not operate emission units at those sites without a permit issued or granted under this chapter.
- **30 TAC §122.130 Initial Application Due Dates** – Per 30 TAC §122.130(b)(1), the owner or operator of a new site subject to this chapter shall not operate the new emission unit before an abbreviated application is submitted under this chapter.
- **30 TAC §122.132 Application and Required Information for Initial Permit Issuance, Reopening, Renewal, or General Operating Permits** – Per 30 TAC §122.132(c), an applicant may submit an

abbreviated initial permit application, containing only the information in this section deemed necessary by the executive director. The executive director shall inform the applicant in writing of the deadline for submitting the remaining information.

- **30 TAC §122.130 General Operating Permits** – General Operating permits (GOP) have uniform conditions that cover all sites in a defined class. There are currently six GOPs available (GOP No. 511, GOP No. 512, GOP No. 513, GOP No. 514, GOP No. 517, GOP No. 518), four of which (GOP No. 511, GOP No. 512, GOP No. 513, GOP No. 514) are for oil and gas facilities in various counties, one (GOP No. 517) for municipal solid waste landfills and one (GOP No. 518) for air curtain incinerators. Although the proposed microgrid supports oil & gas operations, the Facility is remote from such operations and located in a separated parcel; therefore, the Facility can't be classified as an oil and gas facility and does not qualify for a GOP under this chapter.

4.0 PERMIT APPLICATION FORMS

According to the Federal Operating Permit Program Form OP-1 Instructions published by TCEQ, “an abbreviated application consists of Form OP-1 (Site Information Summary), Form OP-CRO1 (Certification by Responsible Official), and a TCEQ Core Data Form”. These forms are presented in Appendix D. NGL will submit any additional forms if instructed by TCEQ’s executive director.

5.0 CLOSING

This application package will be submitted through the State of Texas Environmental Electronic Reporting System (STEERS). NGL asks that the TCEQ consider the information presented in this application and provide instructions for submitting the full Title V application. NGL will start operation of the proposed microgrid after this application is submitted. If you have any questions, please contact Eryn Hall at 303-987-4418 or Jonathan Jiang at 281-546-8489.

APPENDIX A

**EGU SP Application Acceptance
Letter**

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 3, 2024

JOSEPH VARGO
REGULATORY DIRECTOR
NGL WATER SOLUTIONS PERMIAN LLC
865 ALBION ST STE 500
DENVER CO 80220-4809

Re: Electric Generating Units Air Quality Standard Permit
(Effective 5/16/2007)
Standard Permit Registration Number: 176762
Standard Permit Expiration Date: July 3, 2034
NGL Water Solutions Permian Llc
Lex II Generator
Andrews, Andrews County
Regulated Entity Number: RN111981288
Customer Reference Number: CN606195709

Dear Mr. Vargo:

NGL Water Solutions Permian, LLC submitted an application on June 26, 2024 to register construction related to Electric Generating Units to be located at blk 73, sec 1, a-2077. roughly 21.20 miles sw of Andrews, TX., Andrews, Andrews County. We understand that this registration is for emissions associated with six (6) engines located at the site.

The Texas Commission on Environmental Quality (TCEQ) has determined that your proposed emissions are authorized by this standard permit pursuant to Title 30 Texas Administrative Code § 116.602 and Texas Health and Safety Code § 382.05195, if constructed and operated as described in your registration. Authorized emissions are listed on the attached table.


You are also reminded that these facilities must comply with all rules and regulations of the TCEQ and of the U.S. Environmental Protection Agency at all times.

If you need further information or have any questions, please contact Mr. Joshua Wheatley at (512) 239-4343 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

Mr. Joseph Vargo
Page 2
July 3, 2024

Re: Standard Permit Registration Number 176762

Sincerely,

A handwritten signature in black ink that reads "Michael Partee". The signature is written in a cursive, flowing style.

Michael Partee, Manager
Rule Registrations Section
Air Permits Division
Texas Commission on Environmental Quality

cc: Air Section Manager, Region 7 - Midland

Project Number: 375865

Standard Permit Maximum Emission Rates Table
Permit Number 176762

The facilities and emissions included in this table have been represented and reviewed as the maximum emissions authorized by this standard permit registration.

MAXIMUM ALLOWABLE EMISSION RATES TABLE (MAERT)												
EPN / Emission Source	VOC		NOx		CO		PM/PM10/PM2.5		SO2		HAPs	
	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy	lbs/hr	tpy
ENG-01 / Engine 1	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
ENG-02 / Engine 2	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
ENG-03 / Engine 3	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
ENG-04 / Engine 4	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
ENG-05 / Engine 5	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
ENG-06 / Engine 6	0.67	2.93	6.09	26.68	1.16	5.07	0.17	0.72	0.01	0.04	0.68	3.04
TOTAL EMISSIONS (TPY):		17.58		160.08		30.42		4.32		0.24		18.24
MAXIMUM OPERATING SCHEDULE: Hours/Year											8,760	

Note: HAPS are <10 tpy for a single HAP and <25 tpy for any combination of HAPs.

- VOC - volatile organic compounds
- NO_x - total oxides of nitrogen
- CO - carbon monoxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5} as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- SO₂ - sulfur dioxide
- HAPs - hazardous air pollutant

Date: July 3, 2024

APPENDIX B

PTE Calculations

TABLE 1
SUMMARY OF FACILITY-WIDE POTENTIAL TO EMIT (PTE)
NGL W. TEXAS FACILITY

Pollutants	Caterpillar G3516 Engines
	(tons/yr)
PM	4.34
PM ₁₀	4.34
PM _{2.5}	4.34
NO _x	160.1
CO	30.4
SO ₂	0.26
VOC	17.61
Total HAPs	18.23
Maximum Single HAP	9.60

Notes:

1. See Tables 2 - 4 for detailed emissions calculations.

TABLE 2
POTENTIAL EMISSIONS FROM CATERPILLAR ENGINES
NGL W. TEXAS FACILITY

Source	
Generator Make/Model	Caterpillar G 3516 LE
Fuel	Natural Gas
Engine Power Rating ¹ (hp)	2,763
Generator Power Rating ¹ (kW)	1,914
Daily hours of operation	24
Annual hours of operation	8760
Engine fuel consumption (Btu/hp-hr)	5991
Engine heat input (MMBtu/hr)	16.6
Potential annual heat input (MMBtu/yr)	145,005
Number of identical units operated	6
Total Power (MW)	11.5

Criteria and Regulated Pollutants	Emission Factor			Total Emissions for 1 Engine		Total Emissions for All Engines
	Value	Unit	Reference	(lb/hour)	(ton/year)	(ton/year)
PM	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
PM ₁₀ ²	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
PM _{2.5} ²	9.99E-03	lb/MMBtu	AP-42, Sec 3.2	0.17	0.72	4.3
NO _x ¹	1	g/hp-hr	Manufacturer Provided EFs	6.09	26.68	160.1
CO ¹	0.19	g/hp-hr	Manufacturer Provided EFs	1.16	5.07	30.4
SO ₂	5.88E-04	lb/MMBtu	AP-42, Sec 3.2	0.01	0.04	0.26
VOC ¹	0.11	g/hp-hr	Manufacturer Provided EFs	0.67	2.93	17.6

Stack Min. Distance to Property Line (ft)

512.25

Hazardous Air Pollutants	CAS	Emission Factor		Emission Factor Reference	Total Emissions for 1 Engine		Total Emissions for All Engines
		Value	Unit		(lb/hour)	(ton/year)	(ton/year)
1,1,2,2-Tetrachloroethane	79-34-5	4.00E-05	lb/MMBtu	AP-42 Sec. 3.2	6.62E-04	2.90E-03	1.74E-02
1,1,2-Trichloroethane	79-00-5	3.18E-05	lb/MMBtu	AP-42 Sec. 3.2	5.26E-04	2.31E-03	1.38E-02
1,3-Butadiene	106-99-0	2.67E-04	lb/MMBtu	AP-42 Sec. 3.2	4.42E-03	1.94E-02	1.16E-01
1,3-Dichloropropene	542-75-6	2.64E-05	lb/MMBtu	AP-42 Sec. 3.2	4.37E-04	1.91E-03	1.15E-02
2-Methylnaphthalene	91-57-6	3.32E-05	lb/MMBtu	AP-42 Sec. 3.2	5.50E-04	2.41E-03	1.44E-02
2,2,4-Trimethylpentane	540-84-1	2.50E-04	lb/MMBtu	AP-42 Sec. 3.2	4.14E-03	1.81E-02	1.09E-01
Acenaphthene	83-32-9	1.25E-06	lb/MMBtu	AP-42 Sec. 3.2	2.07E-05	9.06E-05	5.44E-04
Acenaphthylene	203-96-8	5.53E-06	lb/MMBtu	AP-42 Sec. 3.2	9.15E-05	4.01E-04	2.41E-03
Acetaldehyde	75-07-0	8.36E-03	lb/MMBtu	AP-42 Sec. 3.2	1.38E-01	6.06E-01	3.64E+00
Acrolein	107-02-8	5.14E-03	lb/MMBtu	AP-42 Sec. 3.2	8.51E-02	3.73E-01	2.24E+00
Benzene	71-43-2	4.40E-04	lb/MMBtu	AP-42 Sec. 3.2	7.28E-03	3.19E-02	1.91E-01
Benzo(a)pyrene	50-32-8	4.40E-04	lb/MMBtu	AP-42 Sec. 3.2	7.28E-03	3.19E-02	1.91E-01
Benzo(b)fluoranthene	205-99-2	1.66E-07	lb/MMBtu	AP-42 Sec. 3.2	2.75E-06	1.20E-05	7.22E-05
Benzo(e)pyrene	192-97-2	4.15E-07	lb/MMBtu	AP-42 Sec. 3.2	6.87E-06	3.01E-05	1.81E-04
Benzo(g,h,i)perylene	191-24-2	4.14E-07	lb/MMBtu	AP-42 Sec. 3.2	6.85E-06	3.00E-05	1.80E-04
Biphenyl	92-52-4	2.12E-04	lb/MMBtu	AP-42 Sec. 3.2	3.51E-03	1.54E-02	9.22E-02
Carbon Tetrachloride	56-23-5	3.67E-05	lb/MMBtu	AP-42 Sec. 3.2	6.07E-04	2.66E-03	1.60E-02
Chlorobenzene	108-90-7	3.04E-05	lb/MMBtu	AP-42 Sec. 3.2	5.03E-04	2.20E-03	1.32E-02
Chrysene	218-01-9	2.85E-05	lb/MMBtu	AP-42 Sec. 3.2	4.72E-04	2.07E-03	1.24E-02
Dibenz(a,h)anthracene	53-70-3	6.93E-07	lb/MMBtu	AP-42 Sec. 3.2	1.15E-05	5.02E-05	3.01E-04
Ethylbenzene	100-41-4	3.97E-05	lb/MMBtu	AP-42 Sec. 3.2	6.57E-04	2.88E-03	1.73E-02
Ethylene Dibromide	106-93-4	4.43E-05	lb/MMBtu	AP-42 Sec. 3.2	7.33E-04	3.21E-03	1.93E-02
Fluoranthene	206-44-0	1.11E-06	lb/MMBtu	AP-42 Sec. 3.2	1.84E-05	8.05E-05	4.83E-04
Fluorene	86-73-7	5.67E-06	lb/MMBtu	AP-42 Sec. 3.2	9.39E-05	4.11E-04	2.47E-03
Formaldehyde	50-00-0	0.06	g/hp-hr	Caterpillar	3.65E-01	1.60E+00	9.60E+00
Methanol	67-56-1	2.50E-03	lb/MMBtu	AP-42 Sec. 3.2	4.14E-02	1.81E-01	1.09E+00
Methylene Chloride	75-09-2	2.00E-05	lb/MMBtu	AP-42 Sec. 3.2	3.31E-04	1.45E-03	8.70E-03
n-Hexane	110-54-3	1.11E-03	lb/MMBtu	AP-42 Sec. 3.2	1.84E-02	8.05E-02	4.83E-01
Naphthalene	91-20-3	7.44E-05	lb/MMBtu	AP-42 Sec. 3.2	1.23E-03	5.39E-03	3.24E-02
PAH	130498-29-2	2.69E-05	lb/MMBtu	AP-42 Sec. 3.2	4.45E-04	1.95E-03	1.17E-02
Phenanthrene	85-01-8	1.04E-05	lb/MMBtu	AP-42 Sec. 3.2	1.72E-04	7.54E-04	4.52E-03
Phenol	108-95-2	2.40E-05	lb/MMBtu	AP-42 Sec. 3.2	3.97E-04	1.74E-03	1.04E-02
Pyrene	129-00-0	1.36E-06	lb/MMBtu	AP-42 Sec. 3.2	2.25E-05	9.86E-05	5.92E-04
Styrene	100-42-5	2.36E-05	lb/MMBtu	AP-42 Sec. 3.2	3.91E-04	1.71E-03	1.03E-02
Tetrachloroethane	25322-20-7	2.48E-06	lb/MMBtu	AP-42 Sec. 3.2	4.11E-05	1.80E-04	1.08E-03
Toluene	108-88-3	4.08E-04	lb/MMBtu	AP-42 Sec. 3.2	6.75E-03	2.96E-02	1.77E-01
Vinyl Chloride	75-01-4	1.49E-05	lb/MMBtu	AP-42 Sec. 3.2	2.47E-04	1.08E-03	6.48E-03
Xylene	1330-20-7	1.84E-04	lb/MMBtu	AP-42 Sec. 3.2	3.05E-03	1.33E-02	8.00E-02
Total HAPs					6.83E-01	3.04E+00	1.82E+01

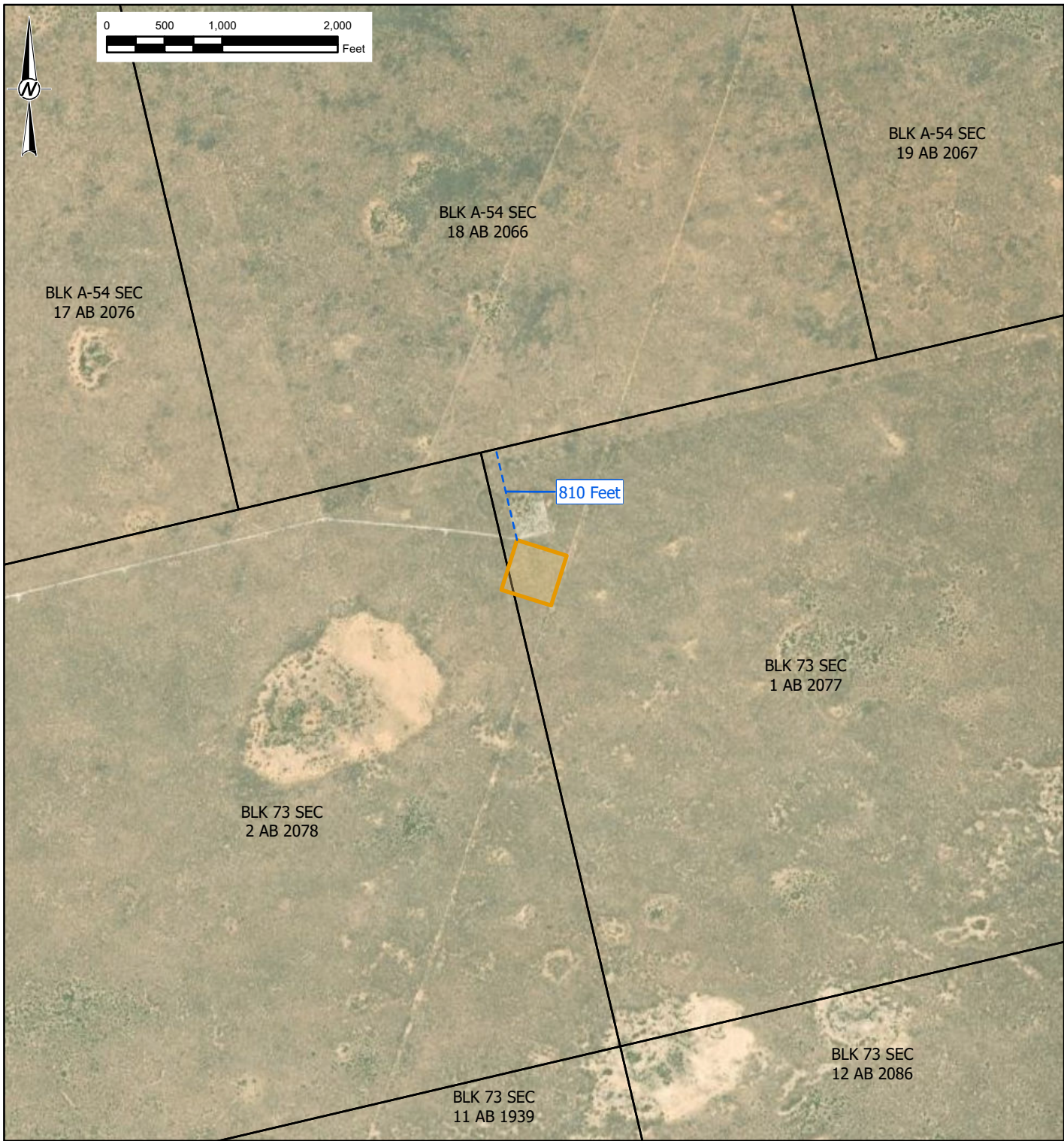
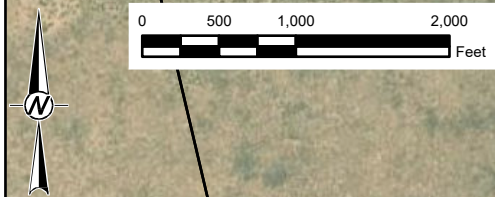
Greenhouse Gases (GHGs)	CAS	Emission Factor ³		Total Emissions for 1 Engine		Total Emissions for All Engines
		Value	Unit	(lb/hour)	(ton/year)	(ton/year)
Carbon Dioxide (CO ₂)	--	117.00	lb/MMBtu	1936.67	8,482.6	50,895.7
Nitrous Oxide (N ₂ O)	--	0.0002	lb/MMBtu	0.004	0.02	0.0959
Methane (CH ₄)	--	0.0022	lb/MMBtu	0.04	0.2	0.959
Total GHG as CO ₂ e ⁴	--	--	--	--	8,491.4	50,948.3

Notes:



1. Engine rating, NO_x, CO, and VOC emission factors from manufacturer provided specs.
2. PM₁₀ and PM_{2.5} assumed equal to PM.
3. 40 CFR Part 98 Tables C-1 and C-2.
4. Carbon dioxide equivalent (CO₂e) calculated using the following formula: CO₂e (TPY) = CO₂ (TPY) x 1 + N₂O (TPY) x 298 + CH₄ (TPY) x 25.

APPENDIX C

Facility Location and Facility Layout



LEGEND

-  PROPOSED NGL FACILITY
-  PARCEL BOUNDARY

REFERENCE(S)

1. COORDINATE SYSTEM: NAD 1983 STATEPLANE TEXAS NORTH CENTRAL FIPS 4202 FEET.
2. BACKGROUND IMAGERY: ESRI BASEMAP SERVICE. VIVID. MAXAR. IMAGERY CAPTURED 6/27/2023.
3. PARCEL BOUNDARY: ANDREWS COUNTY TEXAS ASSESSOR'S OFFICE. PARCEL RECORDS DOWNLOADED 3/28/2024.

CLIENT

NGL WATER SOLUTIONS

PROJECT

PROPOSED SURFACE NNG TO LEX II
SECTION 2, BLOCK 73, PUBLIC SCHOOL LAND SURVEY
(H.G. BEDFORD JR.) ABSTRACT NO. 2078
ANDREWS COUNTY, TEXAS

TITLE

PROPOSED SURFACE SITE MAP

CONSULTANT



YYYY-MM-DD	2024-05-17
DESIGNED	RHG
PREPARED	RHG
REVIEWED	----
APPROVED	----

PROJECT NO.

US-WSP-31407582.000

FIGURE

2

APPENDIX D

TCEQ Application Forms



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 606195709		RN 111981288

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				If new Customer, enter previous Customer below:	
NGL Water Solutions Permian, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
				10. DUNS Number (if applicable)	
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
12. Number of Employees		13. Independently Owned and Operated?			
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No			
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:		865 North Albion St.			
		Suite 500			
City		Denver		State	CO
ZIP		80209		ZIP + 4	
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)		
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

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SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected, a new permit application is also required.)</i> <input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i> LEX II Generator							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
	City		State		ZIP		ZIP + 4
24. County	Andrews						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	Head west on SH115 from Andrews for approximately 21 miles until the SH128 intersection, turn right and head NW on ST128 for 3.8 miles,eenter lease road heading north for 0.8 miles, then head east on the least road for 2.5 miles to location.									
26. Nearest City	Andrews				State	TX		Nearest ZIP Code	79714	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>										
27. Latitude (N) In Decimal:		32.162561			28. Longitude (W) In Decimal:		-102.861057			
Degrees		Minutes		Seconds	Degrees		Minutes		Seconds	
32		9		13	102		51		47	
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)			31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i> Natural Gas Generator										
34. Mailing Address:	865 N. Albion St									
	Suite 500									
	City	Denver	State	CO	ZIP	80209	ZIP + 4			
35. E-Mail Address:		joseph.vargo@nglep.com								
36. Telephone Number				37. Extension or Code		38. Fax Number <i>(if applicable)</i>				
(303) 597-5652						() -				

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.


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

SECTION IV: Preparer Information

40. Name:	Joseph Vargo		41. Title:	Regulatory Director
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(303) 597-5652		() -	joseph.vargo@nglep.com	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	NGL Water Solutions Permian, LLC	Job Title:	EVP
Name (In Print):	Doug White	Phone:	(303) 815- 1010
Signature:			Date: 7/9/2024

**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) 239-1250 or 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: NGL Water Solutions Permian, LLC
B. Customer Reference Number (CN): CN 606195709
C. Submittal Date (mm/dd/yyyy): 07/09/2024
II. Site Information
A. Site Name: LEX II Generator
B. Regulated Entity Reference Number (RN): RN 111981288
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input checked="" type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> 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>
<input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input checked="" type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Douglas White
RO Title: Executive Vice President
Employer Name: NGL Water Solutions Permian, LLC
Mailing Address: 865 N Albion St, Suite 500
City: Denver
State: CO
ZIP Code: 80220
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (303) 815-1010
Fax No.:
Email: Doug.White@NGLEP.com

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Jonathan Jiang
Technical Contact Title: Vice President, Engineering
Employer Name: NGL Water Solutions Permian, LLC
Mailing Address: 865 N Albion St, Suite 500
City: Denver
State: CO
ZIP Code: 80220
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (281) 546-8489
Fax No.:
Email: Jonathan.Jiang@NGLEP.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Kevin Sparks
B. State Representative: Ken King
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name: NGL Water Solutions, LLC
B. Physical Address: 865 N Albion St, Suite 500
City: Denver
State: CO
ZIP Code: 80220
Territory:
Country: USA
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name: Jonathan Jiang
E. Telephone No.: (281) 546-8489
X. Application Area Information
A. Area Name: LEX II Generator
B. Physical Address:
City:
State:
ZIP Code:
C. Physical Location: Head w on SH115 from Andrews for approximately 21 miles until the SH128 intersection, turn right and head NW on 128 for 3.8 miles, enter lease road heading N for .8 milesthen turn East onto lease road for 2.5 miles to location.
D. Nearest City: Andrews
E. State: TX
F. ZIP Code: 79714

**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): 32:9:13
H. Longitude (nearest second): 102:51:47
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? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: 6
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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: City Hall of Andrews
B. Physical Address: 111 Logsdon Street
City: Andrews
ZIP Code: 79714
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Jonathan Jiang
Contact Mailing Address: 865 N Albion St, Suite 500
City: Denver
State: CO
ZIP Code: 80220
Territory:
Country: USA
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (281) 546-8489

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

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: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> 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)
Texas Commission on Environmental Quality**

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.:

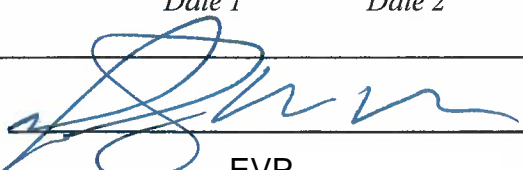
Email:

Print Form

Reset Form

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: 111981288		CN: 606195709		Account No.:	
Permit No.: TBA			Project No.: TBA		
Area Name: LEX II Generator			Company Name: NGL Water Solutions Permian, LLC		
II. Certification Type <i>(Please mark the appropriate box)</i>					
<input checked="" type="checkbox"/> Responsible Official			<input type="checkbox"/> Duly Authorized Representative		
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>					
<input checked="" type="checkbox"/> SOP/TOP Initial Permit Application		<input type="checkbox"/> Update to Permit Application			
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening			
<input type="checkbox"/> Other: _____					
IV. Certification of Truth					
This certification does not extend to information which is designated by the TCEQ as information for reference only.					
I, <u>Douglas White</u> certify that I am the <u>RO</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i>					
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:					
<i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>					
Time Period: From _____ to _____ <div style="text-align: center;"><i>Start Date</i> <i>End Date</i></div>					
Specific Dates: <u>07/09/2024</u>					
<i>Date 1</i>		<i>Date 2</i>		<i>Date 3</i>	
<i>Date 4</i>		<i>Date 5</i>		<i>Date 6</i>	
Signature: 			Signature Date: <u>7/9/2024</u>		
Title: <u>EVP</u>					

