

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX785M7	04/25/2022	NO _x , VOC, CO, PM ₁₀ , SO ₂			

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.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

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.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date

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

♦ **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
20365	04/25/2022				

Texas Commission on Environmental Quality

Title V Existing

1265

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVADALE MILL
County	JASPER
Latitude (N) (##.#####)	30.345
Longitude (W) (-###.#####)	94.064444
Primary SIC Code	2631
Secondary SIC Code	
Primary NAICS Code	322130
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102157609
What is the name of the Regulated Entity (RE)?	WESTROCK TEXAS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1913 FM 105
City	EVADALE
State	TX
ZIP	77615
County	JASPER
Latitude (N) (##.#####)	30.3422
Longitude (W) (-###.#####)	-100.0644
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601549496
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	WestRock Texas, L.P.
Texas SOS Filing Number	12847611
Federal Tax ID	223693535
State Franchise Tax ID	12236935354
State Sales Tax ID	
Local Tax ID	
DUNS Number	123675469
Number of Employees	501+
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	WESTROCK TEXAS LP
Prefix	MR
First	JOHN
Middle	
Last	HAMILTON
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 816
Routing (such as Mail Code, Dept., or Attn:)	
City	SILSBEE
State	TX
ZIP	77656
Phone (###-###-####)	4092763314
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	4092763410
E-mail	john.hamilton@smurfitwestrock.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	STEVEN BLACK(WESTROCK TEXAS ...)
Organization Name	WESTROCK TEXAS LP
Prefix	MR
First	STEVEN
Middle	
Last	BLACK
Suffix	
Credentials	
Title	ENVIRONMENTAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 816
Routing (such as Mail Code, Dept., or Attn:)	
City	SILSBEE
State	TX
ZIP	77656
Phone (###-###-####)	4092763158

Extension

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

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

E-mail

4092763410

steven.black@smurfitwestrock.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	30 Deg 20 Min 42 Sec
3) Permit Longitude Coordinate:	94 Deg 3 Min 52 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	1265-37528
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	OP-REQ1 Pg 88-89 Revision.pdf
Hash	77580FCE9FCB24AF6CB5E4BC38836A1DBE949CE7C0D388FC6460E5FBDA9DF085
MIME-Type	application/pdf

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

Certification

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

1. I am John Hamilton, the owner of the STEERS account ER091128.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1265.
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: John Hamilton OWNER OPERATOR

Account Number:	ER091128
Signature IP Address:	149.97.250.72
Signature Date:	2025-04-07
Signature Hash:	746F309F7DCC97EA9DBB772732B3585EC313ECD1A2EADB3AEF24DB65D4132987
Form Hash Code at time of Signature:	795E132597D0B5B466B5BD575C2A96A6EB5679A4211FDB269C702934A835D43D

Submission

Reference Number:	The application reference number is 776614
Submitted by:	The application was submitted by ER091128/John Hamilton
Submitted Timestamp:	The application was submitted on 2025-04-07 at 16:40:38 CDT
Submitted From:	The application was submitted from IP address 149.97.250.72
Confirmation Number:	The confirmation number is 644864
Steers Version:	The STEERS version is 6.89
Permit Number:	The permit number is 1265

Additional Information

Application Creator: This account was created by Steven W Black

From: Blaise Manak <blaise.manak@westrock.com>
Sent: Monday, April 7, 2025 1:34 PM
To: Primavera Trevino
Cc: steven.black@smurfitwestrock.com
Subject: RE: Working Draft Permit -- FOP O1265/Project 37528, WestRock Texas, L.P./Evadale Mill
Attachments: OP-REQ1 Pg 88-89 Revision.pdf

Good Afternoon,

I have reviewed the WDP for FOP O1265/Project 37528 and the only notable differences I see between this, and our current FOP is that there is now a reference to the PBR Supplemental Tables that were submitted under "New Source Review Authorization Requirements" (Pg. 10), in the "Unit Summary" there is no longer an SOP Index No. 60Db-01B in reference to Unit 21-2069 due to the lack of changing attributes, and under the "Applicable Requirements Summary" table any unit that references 40 CFR 63 Subpart DDDDD is now more detailed. If these are indeed the only changes, we have no issue with the WDP at this time.

Please see attached, the revision to OP-REQ1 (Pages 88 and 89) that you requested. I will submit this revision through STEERS as well as emailing R6AirPermitsTX@epa.gov the revision and mailing a hard copy of the revision to our TCEQ regional office with associated OP-CRO1 forms.

Thanks.

Blaise Manak
Environmental Engineer



Evadale, TX
Phone 409-276-3494 Mobile 409-658-3985

From: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Sent: Tuesday, April 1, 2025 4:34 PM
To: Blaise Manak <blaise.manak@westrock.com>
Cc: steven.black@smurfitwestrock.com; Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: Working Draft Permit -- FOP O1265/Project 37528, WestRock Texas, L.P./Evadale Mill

EXTERNAL - Use Caution. Do not click links or open attachments unless you know the content is safe.

Good afternoon,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1265 for WestRock Texas, L.P., Evadale Mill. This application has been assigned Project

No. 37528. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

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

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

I have conducted a technical review of this application and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by 05/01/2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition, please revise and resubmit Form OP-REQ1 (pages 88 and 89) with the most recent revision date (04/25/2022) for Permit No. PSDTX785M7 and Authorization No. 20365. Please submit these revisions through STEERS by 05/01/2025.

Please review the "SOP Technical Review Fact Sheet" located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process, application updates, WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may 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.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you,
Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



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20365	04/25/2022				

From: Primavera Trevino
Sent: Tuesday, April 1, 2025 4:34 PM
To: blaise.manak@westrock.com
Cc: steven.black@smurfitwestrock.com; Rhyan Stone
Subject: Working Draft Permit -- FOP 01265/Project 37528, WestRock Texas, L.P./Evadale Mill
Attachments: SOP - 01265 Working Draft Permit.docx

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Thank you,
Primavera Treviño

Environmental Permit Specialist
Operating Permits Section
Office of Air – Air Permits Division
Primavera.Trevino@tceq.texas.gov
Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
WestRock Texas, LP

AUTHORIZING THE OPERATION OF
Evadale Mill
Paperboard Mills

LOCATED AT
Jasper County, Texas
Latitude 30° 20' 42" Longitude 94° 3' 52"
Regulated Entity Number: RN102157609

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

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

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

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

Permit No: O1265 Issuance Date: _____

For the Commission

Table of Contents

Section	Page
General Terms and Conditions	1
Special Terms and Conditions:	1
Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting.....	1
Additional Monitoring Requirements	9
New Source Review Authorization Requirements	10
Compliance Requirements.....	11
Risk Management Plan	12
Protection of Stratospheric Ozone	12
Alternative Requirements.....	12
Permit Location	12
Permit Shield (30 TAC § 122.148)	13
Attachments	14
Applicable Requirements Summary.....	15
Additional Monitoring Requirements	49
Permit Shield	87
New Source Review Authorization References	104
Alternative Requirement.....	120
Appendix A.....	139
Acronym List	140
Appendix B.....	141

General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts S, MM, ZZZZ, and DDDDD as identified in the attached Applicable Requirements Summary table are subject to 30 TAC

Chapter 113, Subchapter C, § 113.240, § 113.440, § 113.1090, and § 113.1130 which incorporates the 40 CFR Part 63 Subparts by reference.

- F. For the purpose of generating discrete emission reduction credits through 30 TAC Chapter 101, Subchapter H, Division 4 (Discrete Emission Credit Banking and Trading), the permit holder shall comply with the following requirements:
 - (i) Title 30 TAC § 101.372 (relating to General Provisions)
 - (ii) Title 30 TAC § 101.373 (relating to Discrete Emission Reduction Credit Generation and Certification)
 - (iii) Title 30 TAC § 101.374 (relating to Mobile Discrete Emission Reduction Credit Generation and Certification)
 - (iv) Title 30 TAC § 101.378 (relating to Discrete Emission Credit Banking and Trading)
 - (v) The terms and conditions by which the emission limits are established to generate the discrete reduction credit are applicable requirements of this permit
- 2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
 - A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
- 3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
 - A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute and constructed after January 31, 1972 that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six-minute period. The permit

holder shall comply with the following requirements for stationary vents at the site subject to this standard:

- (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(1)(E)
- (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
- (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:
 - (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
 - (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
 - (3) Records of all observations shall be maintained.
 - (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet

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

(5) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

- (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

- (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

- F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
 - G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)
 - (iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)
 - (iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:
- A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed less than 100,000 gallons of gasoline in any calendar month after October 31, 2014, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:
 - (i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)
 - (iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors
 - (iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)
5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

- D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)
 - G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
7. For the National Emissions Standards for Asbestos specified in 40 CFR Part 61, Subpart M, the permit holder shall comply with the following requirements:
- A. For insulating materials other than spray-applied: Title 40 CFR § 61.148 (relating to Standards for Insulating Materials), for installation and reinstallation of asbestos-containing insulation).
8. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
9. For pulp and paper manufacturing facilities subject to hazardous air pollutant emission standards in 40 CFR Part 63, Subpart S, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.240 incorporated by reference):
- A. Title 40 CFR § 63.440(d) (relating to Applicability), for applicable compliance dates
 - B. Title 40 CFR § 63.440(d)(1) (relating to Applicability), for compliance dates applicable to kraft pulping systems
10. For the individual drain systems specified in 40 CFR Part 63, Subpart RR, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.490 incorporated by reference):

- A. Title 40 CFR § 63.962(a), (a)(1), (a)(2), (a)(3)(i) - (ii), (b)(1), (b)(2), (b)(2)(i)(A) - (B), (b)(2)(ii), (b)(3)(i), (b)(3)(ii)(A), (b)(3)(ii)(B)(1) - (3), (b)(4), and (b)(5)(i) - (iii) (relating to Standards)
 - B. Title 40 CFR § 63.964(a)(1)(i)(A) - (B), (a)(1)(ii) - (iv), (a)(2), (b)(1) - (2) (relating to Inspection and Monitoring Requirements)
 - C. Title 40 CFR § 63.965(a), (a)(1) - (3), (b) (relating to Recordkeeping Requirements)
 - D. Title 40 CFR § 63.966 (relating to Reporting Requirements)
11. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

12. Unless otherwise specified, the permit holder shall comply with the compliance assurance monitoring requirements as specified in the attached "CAM Summary" upon issuance of the permit. In addition, the permit holder shall comply with the following:
- A. The permit holder shall comply with the terms and conditions contained in 30 TAC § 122.147 (General Terms and Conditions for Compliance Assurance Monitoring).
 - B. The permit holder shall report, consistent with the averaging time identified in the "CAM Summary," deviations as defined by the deviation limit in the "CAM Summary." Any monitoring data below a minimum limit or above a maximum limit, that is collected in accordance with the requirements specified in 40 CFR § 64.7(c), shall be reported as a deviation. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).
 - C. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "CAM Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances in order to avoid reporting deviations. All monitoring data shall be collected in accordance with the requirements specified in 40 CFR § 64.7(c).
 - D. The permit holder shall operate the monitoring, identified in the attached "CAM Summary," in accordance with the provisions of 40 CFR § 64.7.
 - E. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any particulate matter capture system associated with the control device subject to CAM. If the results of the following inspections indicate that the capture

system is not working properly, the permit holder shall promptly take necessary corrective action:

- (i) Once per year the permit holder shall inspect any fan for proper operation and inspect the capture system used in compliance of CAM for cracks, holes, tears, and other defects; or
- (ii) Once per year, the permit holder shall inspect for fugitive emissions escaping from the capture system in compliance of CAM by performing a visible emissions observation for a period of at least six minutes in accordance with 40 CFR Part 60, Appendix A, Test Method 22.

F. Except for emission units using a CEMS, COMS or PEMS which meets the requirements of 40 CFR § 64.3(d)(2), the permit holder shall comply with either of the following requirements for any bypass of the control device subject to CAM. If the results of the following inspections or monitoring indicate bypass of the control device, the permit holder shall promptly take necessary corrective actions and report a deviation:

- (i) Install a flow indicator that is capable of recording flow, at least once every fifteen minutes, immediately downstream of each valve that if opened would allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere; or
- (ii) Once a year, the permit holder shall inspect the valves; by checking the position, and the condition of the valves. The permit holder shall identify all times when the valve position has been changed to allow a vent stream to bypass the control device and be emitted, either directly or indirectly, to the atmosphere.

G. The permit holder shall comply with the requirements of 40 CFR § 70.6(a)(3)(ii)(A) and 30 TAC § 122.144(1)(A)-(F) for documentation of all required inspections.

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

New Source Review Authorization Requirements

14. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated December 20, 2024 in the application for project 37528), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

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

Compliance Requirements

17. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
18. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

19. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

20. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.
 - B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

Alternative Requirements

21. The permit holder shall comply with the approved alternative means of control (AMOC); alternative monitoring, recordkeeping, or reporting requirements; or requirements determined to be equivalent to an otherwise applicable requirement contained in the Alternative Requirements attachment of this permit. Units complying with an approved alternative requirement have reference to the approval in the Applicable Requirements summary listing for the unit. The permit holder shall maintain the original documentation, from the EPA Administrator, demonstrating the method or limitation utilized. Documentation shall be maintained and made available in accordance with 30 TAC § 122.144.

Permit Location

22. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

23. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Alternative Requirement

Applicable Requirements Summary

Unit Summary	16
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Applicable Requirements Summary	22
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
13	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
19-2021	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
19-2021	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
19-2021	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
19-2025	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
19-2025	KRAFT PULP MILLS	N/A	REG2-01	30 TAC Chapter 112, Sulfur Compounds	No changing attributes.
19-2025	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
19-2032	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
19-2032	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
19-2032	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
19-2033	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
19-2033	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
19-2033	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
19-2098	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
19-2098	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
19-2098	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.
19-2098	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
1K-DRIV	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
21-2069	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
21-2069	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-01A	40 CFR Part 60, Subpart Db	No changing attributes.
21-2069	INCINERATOR	N/A	61E-01	40 CFR Part 61, Subpart E	No changing attributes.
21-2069	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
21-2081	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.
21-2081	BOILERS/STEAM	N/A	63DDDDDD-01	40 CFR Part 63, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS			DDDDD	
21-2105	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
21-2105	INCINERATOR	N/A	61E-01	40 CFR Part 61, Subpart E	No changing attributes.
21-2105	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	63DDDDD-01	40 CFR Part 63, Subpart DDDDD	No changing attributes.
24-2082	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
24-2082	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	Fuel Type = Gaseous fossil fuel.
24-2082	KRAFT PULP MILLS	N/A	60BB-02	40 CFR Part 60, Subpart BB	Fuel Type = Liquid fossil fuel.
24-2082	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
24-2154	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1151-1	30 TAC Chapter 111, Nonagricultural Processes	No changing attributes.
24-2154	KRAFT PULP MILLS	N/A	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
24-2154	KRAFT PULP MILLS	N/A	63MM-01	40 CFR Part 63, Subpart MM	No changing attributes.
26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
3	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
30-2602	STORAGE TANKS/VESSELS	N/A	60Kb-01	40 CFR Part 60, Subpart Kb	No changing attributes.
4	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
43	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
50	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
51	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
5B	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
7	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-01	30 TAC Chapter 111, Visible Emissions	No changing attributes.
7K-DRIV	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
7M-DRIV	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
DF-PMP1	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
DF-PMP1	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
DF-PMP2	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
DF-PMP2	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GEN1	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
GRPDIG1	KRAFT PULP MILLS	40-2002, 50-2002	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
GRPDIG2	KRAFT PULP MILLS	40-0105, 40-2003, 40-2006, 40-2014, 40-2023, 40-2024, 40-2192, 40-2361, 40-2362, 40-2377, 50-0405, 50-2003, 50-2006, 50-2014, 50-2023, 50-2024, 50-2055, 50-2056, 50-2057, 50-2058, 50-2059, 50-2060, 50-2061, 50-2192	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
GRPEV1	KRAFT PULP MILLS	19-2022, 19-2023, 19-2041, 19-2048, 19-2049, 19-2053, 26-2002	60BB-01	40 CFR Part 60, Subpart BB	No changing attributes.
LF-FUG	MSW / WASTE DISPOSAL SITE	N/A	61M-01	40 CFR Part 61, Subpart M	No changing attributes.
PROKRAFT	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-03	40 CFR Part 63, Subpart S	Flow Indicator = A flow indicator is installed to monitor the by-pass line.
PROKRAFT	PULP PAPER PAPERBOARD PRODUCING PROCESS	N/A	63S-04	40 CFR Part 63, Subpart S	Flow Indicator = A car-seal or lock-and-key closure is used to control the by-pass line.
WW-PMP1	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
WW-PMP1	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
WW-PMP2	SRIC ENGINES	N/A	60III-01	40 CFR Part 60, Subpart III	No changing attributes.
WW-PMP2	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
1	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
13	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
19-2021	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
19-2021	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from recovery furnaces gases containing PM in excess of 0.044 gr/dscf corrected to 8% oxygen.	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1) ** See CAM Summary	None	None
19-2021	EU	60BB-01	PM (Opacity)	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)	On and after the performance test completion no owner/operator shall	§ 60.284(a) § 60.284(a)(1) § 60.284(d) § 60.284(d)(1)(ii)	§ 60.284(a)(1)	§ 60.284(d) § 60.284(d)(1)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						discharge to the atmosphere from recovery furnaces gases exhibiting 35% opacity or greater.	[G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(b) § 60.285(b)(3)		
19-2021	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from straight kraft recovery furnaces gases with TRS over 5 ppmv dry basis, corrected to 8% O ₂ .	§ 60.284(a) [G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3) § 60.284(d) § 60.284(d)(1)(i) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(d)(1) § 60.285(d)(2) § 60.285(d)(3) § 60.285(f)(2)	[G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3)	§ 60.284(d) § 60.284(d)(1)(i)
19-2021	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3)	Each existing kraft or soda recovery furnace must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 g/dscm corrected to 8% oxygen.	§ 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(a) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iv) § 63.867(c) § 63.867(c)(1)
19-2025	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						for Steam Generators).			
19-2025	EU	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(4)	Smelt dissolving tanks shall not exceed 0.033 lb/ton black liquor solids as H ₂ S (0.016 gram/kilogram black liquor solids as H ₂ S).	§ 112.51(c) § 112.55 [G]§ 112.57(a) [G]§ 112.57(b) [G]§ 112.57(c)	[G]§ 112.57(c)	§ 112.59
19-2025	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3)	Each existing kraft or soda smelt dissolving tanks must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 kg/Mg of black liquor solids fired.	§ 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(a) [G]§ 63.866(a)(1) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1)
19-2032	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
19-2032	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(2)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases containing PM > 0.1 g/kg black liquor solids (dry weight).	§ 60.285(a) [G]§ 60.285(c) § 60.285(f)(1) ** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
19-2032	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(4)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases with TRS over 0.016 g/kg black liquor solids as H ₂ S.	§ 60.284(b) [G]§ 60.284(b)(2) § 60.284(c)(4) § 60.284(f) § 60.285(a) [G]§ 60.285(e) § 60.285(f)(2) ** See Alternative Requirement	§ 60.284(c)(4)	None
19-2032	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3)	Each existing kraft or soda smelt dissolving tanks must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 kg/Mg of black liquor solids fired.	§ 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(a) [G]§ 63.866(a)(1) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1)
19-2033	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
19-2033	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(2)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases containing PM > 0.1 g/kg	§ 60.285(a) [G]§ 60.285(c) § 60.285(f)(1) ** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						black liquor solids (dry weight).			
19-2033	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(4)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from smelt dissolving tanks gases with TRS over 0.016 g/kg black liquor solids as H ₂ S.	§ 60.284(b) [G]§ 60.284(b)(2) § 60.284(c)(4) § 60.284(f) § 60.285(a) [G]§ 60.285(e) § 60.285(f)(2) ** See Alternative Requirement	§ 60.284(c)(4)	None
19-2033	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3)	Each existing kraft or soda smelt dissolving tanks must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10 kg/Mg of black liquor solids fired.	§ 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) [G]§ 63.864(i) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(a) [G]§ 63.866(a)(1) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1)
19-2098	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
19-2098	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)	On and after the performance test completion no owner/operator shall discharge to the	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						atmosphere from recovery furnaces gases containing PM in excess of 0.044 gr/dscf corrected to 8% oxygen.	** See CAM Summary		
19-2098	EU	60BB-01	PM (Opacity)	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from recovery furnaces gases exhibiting 35% opacity or greater.	§ 60.284(a) § 60.284(a)(1) § 60.284(d) § 60.284(d)(1)(ii) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(b) § 60.285(b)(3)	§ 60.284(a)(1)	§ 60.284(d) § 60.284(d)(1)(ii)
19-2098	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)	On and after the performance test completion, no owner/operator shall discharge to the atmosphere from straight kraft recovery furnaces gases with TRS over 5 ppmv dry basis, corrected to 8% O ₂ .	§ 60.284(a) [G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3) § 60.284(d) § 60.284(d)(1)(i) [G]§ 60.284(e) § 60.284(f) § 60.285(a) § 60.285(d)(1) § 60.285(d)(2) § 60.285(d)(3) § 60.285(f)(2)	[G]§ 60.284(a)(2) § 60.284(c)(1) § 60.284(c)(2) § 60.284(c)(3)	§ 60.284(d) § 60.284(d)(1)(i)
19-2098	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).			
19-2098	EU	60Db-01	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
19-2098	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
19-2098	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(i) § 63.864(k)(3)	Each existing kraft or soda recovery furnace must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.10	§ 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(a) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iv) § 63.867(c) § 63.867(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						g/dscm corrected to 8% oxygen.	§ 63.864(k)(2)(i) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.866(c)(1) § 63.866(c)(3) § 63.866(c)(4)	
1K-DRIV	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
21-2069	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
21-2069	EU	60Db-01A	NO _x	40 CFR Part 60, Subpart Db	§ 60.44b(d) § 60.44b(h) § 60.44b(i) § 60.46b(a)	After the §60.8 performance test is completed, no facility simultaneously combusting natural gas and/or distillate oil with a potential SO ₂ emissions rate of 26 ng/J (0.060 lb/MMBtu) or less with wood, MSW, or other solid fuel, except coal, shall discharge NO _x in excess of 130 ng/J (0.30 lb/MMBtu) heat input unless the facility has an annual capacity factor for those fuels, or a mixture of those fuels of 0.10 or less and has a	§ 60.46b(c) § 60.46b(e) § 60.46b(e)(1) [G]§ 60.48b(b) § 60.48b(c) § 60.48b(d) § 60.48b(e) [G]§ 60.48b(e)(2) § 60.48b(e)(3) § 60.48b(f)	[G]§ 60.48b(b) § 60.48b(c) [G]§ 60.49b(d) [G]§ 60.49b(g) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(b) § 60.49b(i) § 60.49b(v) § 60.49b(w)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						federally enforceable limit for those fuels of 0.10 or less.			
21-2069	EU	60Db-01A	PM	40 CFR Part 60, Subpart Db	§ 60.43b(h)(4) § 60.43b(e) § 60.43b(g) § 60.46b(a)	On and after the §60.8 performance test is completed, no facility for which, modification began after February 28, 2005, and that combusts over 30 percent wood (by heat input) on an annual basis and has a maximum heat input capacity greater than 73 MW (250 MMBtu/h) shall discharge PM in excess of 37 ng/J (0.085 lb/MMBtu) heat input.	§ 60.46b(b) § 60.46b(d) § 60.46b(d)(1) [G]§ 60.46b(d)(2) § 60.46b(d)(3) § 60.46b(d)(4) § 60.46b(d)(5) [G]§ 60.46b(d)(6) ** See CAM Summary	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
21-2069	EU	60Db-01A	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.43b(f) § 60.43b(g) § 60.46b(a) [G]§ 60.48b(j) § 60.48b(l)	On and after the §60.8 performance test is completed, no affected facility that combusts coal, oil, wood, or mixtures of these fuels with any other fuels shall discharge any gases that exhibit greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity. An affected facility using a CEMS for measuring PM and subject to a federally enforceable PM limit of 0.030 lb/MMBtu or less is exempt from the opacity standard in §60.43b(f).	§ 60.46b(d) § 60.46b(d)(7) § 60.48b(a) [G]§ 60.48b(a)(1) [G]§ 60.48b(a)(2) § 60.48b(a)(3) § 60.48b(l)	§ 60.48b(a) [G]§ 60.48b(a)(1) [G]§ 60.48b(a)(2) § 60.48b(a)(3) [G]§ 60.48b(j) [G]§ 60.49b(d) [G]§ 60.49b(f) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3) § 60.49b(b) § 60.49b(h) § 60.49b(h)(3) § 60.49b(v) § 60.49b(w)
21-2069	EU	60Db-01A	SO ₂	40 CFR Part 60,	§ 60.42b(k)(2)	On and after the §60.8	§ 60.47b(f)	§ 60.45b(k)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart Db		performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).		§ 60.49b(o) § 60.49b(r) [G]§ 60.49b(r)(2)	§ 60.49b(a)(1) § 60.49b(r) [G]§ 60.49b(r)(2)
21-2069	EU	61E-01	Mercury	40 CFR Part 61, Subpart E	§ 61.52(b) § 61.54(e)	Emissions from sludge incineration plants, sludge drying plants, or a combination of these that process wastewater treatment plant sludges shall not exceed 3.2 kg (7.1 lb) of mercury per 24-hour period.	[G]§ 61.54(a) [G]§ 61.54(c) § 61.54(d) § 61.54(f)	§ 61.54(g)	§ 61.54(b) § 61.54(e) § 61.54(f)
21-2069	EU	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f)	For existing hybrid suspension grate units with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, filterable particulate matter shall not exceed 0.44 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(g) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(a)(9) § 63.7540(d)		§ 63.7530(b)(4) [G]§ 63.7530(b)(4)(ii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) [G]§ 63.7540(a)(18) § 63.7540(a)(9)		[G]§ 63.7550(e) [G]§ 63.7550(h)
21-2081	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
21-2081	EU	60Db-01	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(MMBtu/hr)).			
21-2081	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
21-2081	EU	63DDDDD-01	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 3.3 § 63.7500(a)(1) § 63.7500(a)(3) § 63.7505(a) § 63.7540(a) [G]§ 63.7540(a)(10) § 63.7540(a)(13)	A new or existing boiler or process heater without a continuous oxygen trim system and with heat input capacity of 10 million Btu per hour or greater must conduct a tune-up of the boiler or process heater annually as specified in § 63.7540. Units in either the Gas 1 or Metal Process Furnace subcategories will conduct this tune-up as a work practice for all regulated emissions.	§ 63.7515(d) [G]§ 63.7521(f) [G]§ 63.7521(g) § 63.7521(h) § 63.7521(i) § 63.7530(g) § 63.7540(a) [G]§ 63.7540(a)(10) [G]§ 63.7540(c)	§ 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) § 63.7555(g) § 63.7555(h) § 63.7560(a) § 63.7560(b) § 63.7560(c)	[G]§ 63.7521(g) § 63.7530(e) § 63.7530(f) § 63.7545(a) § 63.7545(b) § 63.7545(c) [G]§ 63.7545(e) [G]§ 63.7545(f) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(h)
21-2105	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(relating to Emissions Limits for Steam Generators).			
21-2105	EU	61E-01	Mercury	40 CFR Part 61, Subpart E	§ 61.52(b) § 61.54(e)	Emissions from sludge incineration plants, sludge drying plants, or a combination of these that process wastewater treatment plant sludges shall not exceed 3.2 kg (7.1 lb) of mercury per 24-hour period.	[G]§ 61.54(a) [G]§ 61.54(c) § 61.54(d) § 61.54(f)	§ 61.54(g)	§ 61.54(b) § 61.54(e) § 61.54(f)
21-2105	EU	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1)-Table 2.13.b § 63.7500(a)(1) § 63.7500(a)(1)-Table 3.3 [G]§ 63.7500(a)(1)-Table 3.5 § 63.7500(a)(1)-Table 3.6 § 63.7500(a)(2) § 63.7500(a)(2)-Table 4.7 § 63.7500(a)(3) § 63.7500(f) § 63.7505(a) § 63.7505(d) [G]§ 63.7505(d)(1) § 63.7505(e) § 63.7530(h) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) § 63.7540(a)(13) § 63.7540(a)(9) § 63.7540(d)	For existing hybrid suspension grate units with heat input capacity of 10 million Btu per hour or greater designed to burn biomass/bio-based solids, filterable particulate matter shall not exceed 0.44 lb per MMBtu heat input, using specified sampling volume or test run duration.	§ 63.7505(c) § 63.7505(d) [G]§ 63.7505(d)(1) [G]§ 63.7505(d)(2) § 63.7505(d)(3) § 63.7505(d)(4) § 63.7510(e) § 63.7510(h) § 63.7510(j) § 63.7510(k) § 63.7515(g) [G]§ 63.7525(d) § 63.7530(a) § 63.7530(b) § 63.7530(b)(4) [G]§ 63.7530(b)(4)(ii) § 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7540(a) § 63.7540(a)(1) [G]§ 63.7540(a)(10) [G]§ 63.7540(a)(18) § 63.7540(a)(9)	§ 63.7535(a) § 63.7535(b) § 63.7535(c) § 63.7535(d) § 63.7555(a) § 63.7555(a)(1) § 63.7555(a)(2) [G]§ 63.7555(b) § 63.7555(c) [G]§ 63.7555(d) § 63.7560(a) § 63.7560(b) § 63.7560(c)	§ 63.7515(f) § 63.7530(e) § 63.7530(f) § 63.7540(b) § 63.7540(d) § 63.7545(a) § 63.7545(b) § 63.7545(c) § 63.7545(d) [G]§ 63.7545(e) [G]§ 63.7545(h) § 63.7550(a) [G]§ 63.7550(b) [G]§ 63.7550(c) [G]§ 63.7550(e) [G]§ 63.7550(h)
24-2082	EP	R1151-1	PM	30 TAC Chapter 111,	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit	** See CAM Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Nonagricultural Processes		emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).			
24-2082	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(i)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from lime kilns gases containing PM > 0.15 g/dscm corrected to 10% oxygen, using gaseous fossil fuel.	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1) ** See CAM Summary	None	None
24-2082	EU	60BB-02	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(ii)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from lime kilns gases containing PM > 0.30 g/dscm corrected to 10% oxygen, using liquid fossil fuel.	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1) ** See CAM Summary	None	None
24-2082	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(ii) § 63.864(k)(3)	Each existing kraft or soda lime kiln must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.15 g/dscm correct to 10% oxygen.	§ 63.864(d) § 63.864(d)(3) § 63.864(d)(4) § 63.864(k)(1) § 63.864(k)(1)(i) § 63.864(k)(2) § 63.864(k)(2)(ii) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(d)(3) § 63.864(d)(4) § 63.866(a) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(c) § 63.867(c)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
24-2154	EP	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a) § 111.151(c)	No person may cause, suffer, allow, or permit emissions of particulate matter from any source to exceed the allowable rates specified in Table 1 as follows, except as provided by §111.153 of this title (relating to Emissions Limits for Steam Generators).	** See CAM Summary	None	None
24-2154	EU	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(i)	On and after the performance test completion no owner/operator shall discharge to the atmosphere from lime kilns gases containing PM > 0.15 g/dscm corrected to 10% oxygen, using gaseous fossil fuel.	§ 60.285(a) § 60.285(b) § 60.285(b)(1) § 60.285(b)(2) § 60.285(f)(1) ** See CAM Summary	None	None
24-2154	EU	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3)	Each existing kraft or soda lime kiln must have concentration of PM in the exhaust gases discharged to the atmosphere be less than or equal to 0.15 g/dscm correct to 10% oxygen.	§ 63.864(e)(10) § 63.864(e)(10)(i) § 63.864(e)(10)(ii) [G]§ 63.864(j) § 63.864(k)(1) § 63.864(k)(1)(ii) § 63.864(k)(2) § 63.864(k)(2)(iii) § 63.864(k)(3) § 63.865 [G]§ 63.865(b)	§ 63.864(e)(10) § 63.866(a) [G]§ 63.866(a)(1) [G]§ 63.866(a)(2) § 63.866(b) § 63.866(c) § 63.866(c)(2) § 63.866(c)(3) § 63.866(c)(4) § 63.866(c)(5)	§ 63.867(a)(1) § 63.867(b)(3) § 63.867(b)(3)(i) § 63.867(b)(3)(iii) § 63.867(c) § 63.867(c)(1)
26	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31,	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1972.			
3	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
30-2602	EU	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)	Except for §60.110b(b), this subpart applies to vessels with a capacity greater than or equal to 75 cubic meters (19,813 gal) used to store VOLs for which construction/reconstruction/modification began after 7/23/1984.	§ 60.116b(a) § 60.116b(b) § 60.116b(c) § 60.116b(d) § 60.116b(e) § 60.116b(e)(1) [G]§ 60.116b(e)(3)	§ 60.116b(a) § 60.116b(b) § 60.116b(c)	§ 60.116b(d)
4	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
43	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
50	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
51	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
5B	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 30% averaged over a six minute period.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
7	EP	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B) § 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 20% averaged over a six minute period for any source on which construction was begun after January 31, 1972.	§ 111.111(a)(1)(D) [G]§ 111.111(a)(1)(F)	§ 111.111(a)(1)(C) § 111.111(a)(1)(D)	None
7K-DRIV	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
7M-DRIV	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.2 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(h) § 63.6625(i)	For each existing non-emergency, non-black start stationary CI RICE with a site rating less than 100 HP, located at a major source, you must comply with the requirements as specified in Table 2c.2.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
DF-PMP1	EU	60IIII-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
DF-PMP1	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
DF-PMP1	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
DF-PMP2	EU	60III-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
DF-PMP2	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	§ 60.4209(a)	§ 60.4214(b)	[G]§ 60.4214(d)
DF-PMP2	EU	63ZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.			
GEN1	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(j) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(3)	For each existing emergency stationary SI RICE and black start stationary SI RICE with a site rating less than or equal to 500 HP, located at a major source, you must comply with the requirements as specified in Table 2c.6.a-c.	§ 63.6625(j) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
GRPDIG1	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
GRPDIG2	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(f) § 60.285(a)		
GRPEV1	EU	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)	No gases containing TRS over 5 ppmv, corrected to 10% O2 shall be discharged from the listed units, unless they are burned with other waste gases in the specified devices under the stated conditions.	§ 60.284(b) § 60.284(b)(1) § 60.284(d)(3)(ii) § 60.284(f) § 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
LF-FUG	PRO	61M-01	112(B) HAPS	40 CFR Part 61, Subpart M	§ 61.154(a) [G]§ 61.154(b) § 61.154(e)(3) § 61.154(g)	There shall be no visible emissions to air from any active waste disposal site where asbestos-containing waste material has been deposited, or the requirements of §61.154(c) or (d) must be met.	None	[G]§ 61.154(e)(1) § 61.154(e)(4) § 61.154(f) § 61.154(i)	[G]§ 61.153(a)(5) § 61.153(b) § 61.154(e)(2) § 61.154(h) § 61.154(i) [G]§ 61.154(j)
PROKRAFT	PRO	63S-03	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.445(a) § 63.445(b) § 63.445(c)(2) § 63.445(d)(2) § 63.450(b) § 63.450(c) § 63.450(d)(1)	Bleaching systems that do not use chlorinated compounds are exempt from requirements of this section. The following bleaching systems shall meet the provisions of this section: §63.445(a)(1)-(3).	§ 63.453(a) [G]§ 63.453(c) [G]§ 63.453(k) [G]§ 63.453(n) § 63.453(o) § 63.457(a) [G]§ 63.457(b) [G]§ 63.457(d) [G]§ 63.457(e) § 63.457(h) [G]§ 63.457(i) ** See Alternative Requirement	§ 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) § 63.455(d)
PROKRAFT	PRO	63S-03	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(4)	Pulping systems using the kraft process subject to this subpart shall control the	§ 63.453(i) § 63.453(j) § 63.453(j)(2)	§ 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2)	[G]§ 63.453(n) § 63.453(o) § 63.455(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.443(d)(4)(i) [G]§ 63.443(e) § 63.446(c)(1) § 63.446(d) § 63.446(d)(1) [G]§ 63.446(d)(2) § 63.446(e)(2) § 63.446(e)(3) § 63.450(b) § 63.450(c) § 63.450(d)(1)	HAP emissions from the following equipment systems according to §§63.440(c)-(d).	[G]§ 63.453(j)(3) § 63.453(l) [G]§ 63.453(l)(1) § 63.453(l)(2) § 63.453(l)(3) [G]§ 63.453(n) § 63.453(o) § 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2) [G]§ 63.453(p)(3) § 63.457(c) [G]§ 63.457(c)(1) § 63.457(c)(2) [G]§ 63.457(c)(3) [G]§ 63.457(c)(4) [G]§ 63.457(c)(5) [G]§ 63.457(c)(6) [G]§ 63.457(d) [G]§ 63.457(e) § 63.457(g) [G]§ 63.457(j) § 63.457(l) § 63.457(l)(1) § 63.457(l)(3) ** See Alternative Requirement	[G]§ 63.453(p)(3) § 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(e) § 63.454(f)	[G]§ 63.455(b) § 63.455(d) § 63.455(e) § 63.455(f)
PROKRAFT	PRO	63S-04	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.445(a) § 63.445(b) § 63.445(c)(2) § 63.445(d)(2) § 63.450(b) § 63.450(c) § 63.450(d)(2)	Bleaching systems that do not use chlorinated compounds are exempt from requirements of this section. The following bleaching systems shall meet the provisions of this section: §63.445(a)(1)-(3).	§ 63.453(a) [G]§ 63.453(c) [G]§ 63.453(k) [G]§ 63.453(n) § 63.453(o) § 63.457(a) [G]§ 63.457(b) [G]§ 63.457(d) [G]§ 63.457(e) § 63.457(h) [G]§ 63.457(i) ** See Alternative	§ 63.454(a) [G]§ 63.454(b) § 63.454(d)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) § 63.455(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							Requirement		
PROKRAFT	PRO	63S-04	112(B) HAPS	40 CFR Part 63, Subpart S	§ 63.443(a) § 63.443(c) § 63.443(d)(4) § 63.443(d)(4)(i) [G]§ 63.443(e) § 63.446(c)(1) § 63.446(d) § 63.446(d)(1) [G]§ 63.446(d)(2) § 63.446(e)(2) § 63.446(e)(3) § 63.450(b) § 63.450(c) § 63.450(d)(2)	Pulping systems using the kraft process subject to this subpart shall control the HAP emissions from the following equipment systems according to §§63.440(c)-(d).	§ 63.453(i) § 63.453(j) § 63.453(j)(2) [G]§ 63.453(j)(3) § 63.453(l) [G]§ 63.453(l)(1) § 63.453(l)(2) § 63.453(l)(3) [G]§ 63.453(n) § 63.453(o) § 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2) [G]§ 63.453(p)(3) § 63.457(c) [G]§ 63.457(c)(1) § 63.457(c)(2) [G]§ 63.457(c)(3) [G]§ 63.457(c)(4) [G]§ 63.457(c)(5) [G]§ 63.457(c)(6) [G]§ 63.457(d) [G]§ 63.457(e) § 63.457(g) [G]§ 63.457(j) § 63.457(l) § 63.457(l)(1) § 63.457(l)(3) ** See Alternative Requirement	§ 63.453(p) [G]§ 63.453(p)(1) [G]§ 63.453(p)(2) [G]§ 63.453(p)(3) § 63.454(a) [G]§ 63.454(b) § 63.454(d) § 63.454(f)	[G]§ 63.453(n) § 63.453(o) § 63.455(a) [G]§ 63.455(b) § 63.455(d) § 63.455(e) § 63.455(f)
WW-PMP1	EU	60III-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						a pre-2007 model year must comply with a CO emission limit of 11.4 g/KW-hr, as listed in Table 1 to this subpart.			
WW-PMP1	EU	60IIII-01	Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with an HC emission limit of 1.3 g/KW-hr, as listed in Table 1 to this subpart.	None	None	None
WW-PMP1	EU	60IIII-01	NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NO _x emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.	None	None	None
WW-PMP1	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) § 60.4211(b)(1)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 130 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a PM emission	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						limit of 0.54 g/KW-hr, as listed in Table 1 to this subpart.			
WW-PMP1	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
WW-PMP2	EU	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 37 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 5.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102 and 40 CFR 1039.101.	None	None	None
WW-PMP2	EU	60IIII-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I	Owners and operators of non-emergency stationary	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	CI ICE with a maximum engine power greater than or equal to 75 KW but less than 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2013 model year must comply with an NMHC+NO _x emission limit of 4.0 g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I and 40 CFR 1039.102.			
WW-PMP2	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039-Appendix I § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a maximum engine power greater than or equal to 75 KW and less than 130 KW and a displacement of less than 10 liters per cylinder and is a 2007 - 2011 model year must comply with a PM emission limit of 0.30g/KW-hr as stated in 40 CFR 60.4201(a) and 40 CFR 1039-Appendix I.	None	None	None
WW-PMP2	EU	60III-01	PM (Opacity)	40 CFR Part 60, Subpart IIII	§ 60.4204(b) § 1039.105(b)(1) § 1039.105(b)(2) § 1039.105(b)(3) § 60.4201(a) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c)	Owners and operators of non-emergency stationary CI ICE with a displacement of less than 10 liters per cylinder and is not a constant-speed engine and is a 2007 model year and later must comply with the following opacity emission limits: 20% during the acceleration mode, 15%	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						during the lugging mode, and 50% during the peaks in either the acceleration or lugging modes as stated in 40 CFR 60.4201(a)-(c) and 40 CFR 1039.105(b)(1)-(3).			
WW-PMP2	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None

Additional Monitoring Requirements

Compliance Assurance Monitoring Summary	50
Periodic Monitoring Summary	77

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2021	
Control Device ID No.: C-621	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2021	
Control Device ID No.: C-621	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(1)(i)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2025	
Control Device ID No.: C-635	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 210.5 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2025	
Control Device ID No.: C-635	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.3 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2032	
Control Device ID No.: C-623	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 204.1 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2032	
Control Device ID No.: C-623	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.6 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2032	
Control Device ID No.: C-623	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(2)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 204.1 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2032	
Control Device ID No.: C-623	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(2)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.6 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2033	
Control Device ID No.: C-624	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 204.8 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2033	
Control Device ID No.: C-264	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.6 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2033	
Control Device ID No.: C-624	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(2)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 204.8 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2033	
Control Device ID No.: C-624	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(2)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.6 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2098	
Control Device ID No.: C-618	Control Device Type: Wet or dry electrostatic precipitator
Control Device ID No.: C-620	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 19-2098	
Control Device ID No.: C-618	Control Device Type: Wet scrubber
Control Device ID No.: C-620	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(1)(i)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2069	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Db	SOP Index No.: 60Db-01A
Pollutant: PM	Main Standard: § 60.43b(h)(4)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour average	
Deviation Limit: Minimum Liquid Flow Rate = 5.05 gallons of water per thousand pounds of gas (air) per hour	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2069	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart Db	SOP Index No.: 60Db-01A
Pollutant: PM	Main Standard: § 60.43b(h)(4)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: Required scrubber differential pressure: Across venturi (inches of water) = (0.1) x (percent hourly average boiler load) - 0.5. That is, at 100 percent full load, the required pressure drop would be 9.5 inches of water.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span.	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2069	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour average	
Deviation Limit: Minimum Liquid Flow Rate = 5.05 gallons of water per thousand pounds of gas (air) per hour	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2069	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: Required scrubber differential pressure: Across venturi (inches of water) = $(0.1) \times$ (percent hourly average boiler load) - 0.5. That is, at 100 percent full load, the required pressure drop would be 9.5 inches of water.	
CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following: ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span.	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2105	
Control Device ID No.: C-512	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour average	
Deviation Limit: Minimum Liquid Flow Rate = 1,500 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 2% of span; or ± 5% of design liquid flow rate. 	

CAM Summary

Unit/Group/Process Information	
ID No.: 21-2105	
Control Device ID No.: C-512	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Maintain differential pressure across scrubber above 9 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <ul style="list-style-type: none"> ± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span. 	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2082	
Control Device ID No.: C-829	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2082	
Control Device ID No.: C-829	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(3)(i)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2082	
Control Device ID No.: C-829	Control Device Type: Wet or dry electrostatic precipitator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-02
Pollutant: PM	Main Standard: § 60.282(a)(3)(ii)
Monitoring Information	
Indicator: Opacity	
Minimum Frequency: six times per minute	
Averaging Period: six-minute	
Deviation Limit: Maximum Opacity = 20%	
CAM Text: The COMS shall be operated in accordance with 40 CFR § 60.13.	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2154	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 300 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2154	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151-1
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 20 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2154	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(3)(i)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 300 gpm	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

CAM Summary

Unit/Group/Process Information	
ID No.: 24-2154	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart BB	SOP Index No.: 60BB-01
Pollutant: PM	Main Standard: § 60.282(a)(3)(i)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 20 inches water column	
<p>CAM Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1	
Control Device ID No.: C-512	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour average	
Deviation Limit: Minimum Liquid Flow Rate = 1,500 gpm	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or</p> <p>± 5% of design liquid flow rate.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1	
Control Device ID No.: C-512	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: Maintain differential pressure across scrubber above 9 inches water column	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 13	
Control Device ID No.: C-724	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: once per calendar quarter	
Averaging Period: N/A	
Deviation Limit: Maximum Opacity = 30%	
<p>Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor.</p> <p>If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is opacity above the opacity limit in the applicable requirement, the permit holder shall report a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 43	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 300 gpm	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 43	
Control Device ID No.: C-827	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 20 inches water column	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 50	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour average	
Deviation Limit: Minimum Liquid Flow Rate = 5.05 gallons of water per thousand pounds of gas (air) per hour	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or</p> <p>± 5% of design liquid flow rate.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 50	
Control Device ID No.: C-515	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: One hour	
Deviation Limit: Required scrubber differential pressure: Across venturi (inches of water) = (0.1) x (percent hourly average boiler load) - 0.5. That is, at 100 percent full load, the required pressure drop would be 9.5 inches of water.	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (± 250 pascals); or ± 2% of span.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 51	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Fuel Type	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: Fuel limited to natural gas.	
Periodic Monitoring Text: Record the type of fuel used by the unit. If an alternate fuel is fired, either alone or in combination with the specified gas, it shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 5B	
Control Device ID No.: C-635	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Liquid Flow Rate	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Liquid Flow Rate = 210.5 gpm	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 2% of span; or ± 5% of design liquid flow rate.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 5B	
Control Device ID No.: C-635	Control Device Type: Wet scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-01
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(A)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: Four times per hour	
Averaging Period: 3-hour, rolling	
Deviation Limit: Minimum Pressure Drop = 6.3 inches water column	
<p>Periodic Monitoring Text: Each monitoring device shall be calibrated at a frequency in accordance with the manufacturer's specifications, other written procedures that provide an adequate assurance that the device is calibrated accurately, or at least annually, whichever is more frequent, and shall be accurate to within one of the following:</p> <p>± 1 inch water gauge pressure (+ 250 pascals); or ± 2% of span.</p>	

Permit Shield

Permit Shield 88

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
17-2007	N/A	40 CFR Part 60, Subpart Kb	The storage vessel has a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
17-2007	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
19-2021	N/A	40 CFR Part 60, Subpart D	Kraft recovery boiler that maintains an annual fossil fuel capacity factor of less than or equal to 10% is not subject to 40 CFR Part 60, Subpart D. (See EPA applicability determination Control Number NB01 dated 6/15/1990)
19-2021	N/A	40 CFR Part 60, Subpart Db	Construction, modification, or reconstruction commenced before June 19, 1984.
19-2021	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
19-2025	N/A	40 CFR Part 60, Subpart BB	Smelt dissolving tank was constructed before 9/24/76 and has not been modified later than 9/24/76.
19-2025	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
19-2025	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
19-2025	N/A	40 CFR Part 60, Subpart Kb	Tank meets the definition of process tank (i.e. excluded from the definition of storage vessel in §60.111a) and as such is not an affected source of 40 CFR 60, Subpart Kb.
19-2025	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			not been modified later than 10/4/2023.
19-2032	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
19-2032	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
19-2032	N/A	40 CFR Part 60, Subpart Kb	Tank meets the definition of process tank (i.e. excluded from the definition of storage vessel in §60.111a) and as such is not an affected source of 40 CFR 60, Subpart Kb.
19-2032	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
19-2033	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
19-2033	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
19-2033	N/A	40 CFR Part 60, Subpart Kb	Tank meets the definition of process tank (i.e. excluded from the definition of storage vessel in §60.111a) and as such is not an affected source of 40 CFR 60, Subpart Kb.
19-2033	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
19-2098	N/A	40 CFR Part 60, Subpart D	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).
19-2098	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
1K-DRIV	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			internal combustion engine that commenced construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
21-2069	N/A	40 CFR Part 60, Subpart CCCC	Boiler does not combust any solid waste as defined in 40 CFR Part 241.
21-2069	N/A	40 CFR Part 60, Subpart D	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).
21-2069	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
21-2069	N/A	40 CFR Part 63, Subpart JJJJJJ	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).
21-2081	N/A	40 CFR Part 60, Subpart CCCC	Boiler does not combust any solid waste as defined in 40 CFR Part 241.
21-2081	N/A	40 CFR Part 60, Subpart D	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).
21-2081	N/A	40 CFR Part 60, Subpart Dc	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
21-2081	N/A	40 CFR Part 63, Subpart JJJJJJ	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
21-2105	N/A	40 CFR Part 60, Subpart CCCC	Boiler does not combust any solid waste as defined in 40 CFR Part 241.
21-2105	N/A	40 CFR Part 60, Subpart D	Boiler was constructed before 8/17/1971 and has not been modified later than 8/17/1971.
21-2105	N/A	40 CFR Part 60, Subpart Db	Construction, modification, or reconstruction commenced before June 19, 1984.
21-2105	N/A	40 CFR Part 60, Subpart Dc	Construction, modification, or reconstruction commenced before June 9, 1989.
21-2105	N/A	40 CFR Part 63, Subpart JJJJJ	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).
30-2602	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
30-2603	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
30-2603	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
30-2603	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids.
30-2603	N/A	40 CFR Part 60, Subpart Kc	Tank does not store volatile organic liquids.
30-2606	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
30-2606	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
30-2606	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids.
30-2606	N/A	40 CFR Part 60, Subpart Kc	Tank does not store volatile organic liquids.
40-2700	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
40-2700	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
40-2700	N/A	40 CFR Part 60, Subpart Kb	Tank does not store volatile organic liquids.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
40-2700	N/A	40 CFR Part 60, Subpart Kc	Tank does not store volatile organic liquids.
705760-210	N/A	40 CFR Part 60, Subpart K	Tank constructed after 5/19/1978.
705760-210	N/A	40 CFR Part 60, Subpart Ka	Tank constructed after 7/23/1984.
705760-210	N/A	40 CFR Part 60, Subpart Kb	Tank capacity is less than 75 cubic meters (19,812 gal).
705760-210	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 75.7 cubic meters (20,000 gal).
71-2422	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The tank does not store gasoline and is located in a covered attainment county.
71-2422	N/A	40 CFR Part 60, Subpart K	Tank capacity is less than 151,412 liters (40,000 gal).
71-2422	N/A	40 CFR Part 60, Subpart Ka	Tank capacity is less than 151,416 liters (40,000 gal).
71-2422	N/A	40 CFR Part 60, Subpart Kb	Tank capacity less than 75 cubic meters (19,812 gal).
71-2422	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 75.7 cubic meters (20,000 gal).
77	N/A	40 CFR Part 60, Subpart BB	Diffusion washers are excluded from the definition of brown stock washer systems and therefore are not affected facilities.
78	N/A	40 CFR Part 60, Subpart BB	Diffusion washers are excluded from the definition of brown stock washer systems and therefore are not affected facilities.
7K-DRIV	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition internal combustion engine that commenced

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
7M-DRIV	N/A	40 CFR Part 60, Subpart IIII	Engine is a stationary compression ignition internal combustion engine that commenced construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
80-2865	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The tank does not store gasoline and is located in a covered attainment county.
80-2865	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
80-2865	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
80-2865	N/A	40 CFR Part 60, Subpart Kb	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
80-2865	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
80-2867	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The tank does not store gasoline and is located in a covered attainment county.
80-2867	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
80-2867	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
80-2867	N/A	40 CFR Part 60, Subpart Kb	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
80-2867	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
80-2869	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	The tank does not store gasoline and is located in a covered attainment county.
80-2869	N/A	40 CFR Part 60, Subpart K	Tank does not store petroleum liquid.
80-2869	N/A	40 CFR Part 60, Subpart Ka	Tank does not store petroleum liquid.
80-2869	N/A	40 CFR Part 60, Subpart Kb	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing liquid with a maximum true vapor pressure less than 15.0 kPa.
80-2869	N/A	40 CFR Part 60, Subpart Kc	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
DIESELLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Located in Jasper County and transferring of VOC other than gasoline.
E4-WASH	N/A	40 CFR Part 60, Subpart Kb	The storage vessel has a capacity less than 75 cubic meters (19,812 gal).
E4-WASH	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 75.7 cubic meters (20,000 gal).
E5-POLY	N/A	40 CFR Part 60, Subpart Kb	The storage vessel has a capacity less than 75 cubic meters (19,812 gal).
E5-POLY	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 75.7 cubic meters (20,000 gal).
FL-SCAL	N/A	40 CFR Part 60, Subpart Kb	The storage vessel has a capacity less than 75 cubic meters (19,812 gal).

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
FL-SCAL	N/A	40 CFR Part 60, Subpart Kc	Tank capacity is less than 75.7 cubic meters (20,000 gal).
GASLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facility, as defined in §101.1 are exempt from 30 TAC Chapter 115, Subchapter C, Division 1.
GEN1	N/A	40 CFR Part 60, Subpart JJJJ	Engine is a stationary spark ignition internal combustion engine that was constructed before 6/12/2006 and has not been modified or reconstructed later than 6/12/2006.
GRPCOOL	11-2030, 30-2610, 54-2355, SR73-CT, SR77-CT, SR82-CT, SR83-CT	40 CFR Part 63, Subpart Q	Cooling tower is not operated with chromium-based water treatment chemicals.
GRPDIG2	40-0105, 40-2003, 40-2006, 40-2014, 40-2023, 40-2024, 40-2192, 40-2361, 40-2362, 40-2377, 50-0405, 50-2003, 50-2006, 50-2014, 50-2023, 50-2024, 50-2055, 50-2056, 50-2057, 50-2058, 50-2059, 50-2060, 50-2061, 50-2192	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.
GRPDIG2	40-0105, 40-2003, 40-2006, 40-2014, 40-2023, 40-2024, 40-2192, 40-2361, 40-2362, 40-2377, 50-0405, 50-2003, 50-2006, 50-2014, 50-2023, 50-2024, 50-2055, 50-2056, 50-2057, 50-2058, 50-2059, 50-2060, 50-2061, 50-2192	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.
GRPDIG2	40-0105, 40-2003, 40-2006, 40-2014, 40-2023, 40-2024, 40-2192, 40-2361, 40-2362, 40-2377, 50-0405, 50-2003, 50-2006, 50-2014, 50-2023, 50-2024, 50-2055, 50-2056, 50-2057, 50-2058, 50-2059, 50-2060, 50-2061, 50-2192	40 CFR Part 60, Subpart Kb	Tanks meet the definition of process tanks (i.e. excluded from the definition of storage vessels in §60.111a) and as such are not affected sources of 40 CFR 60, Subpart Kb.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
GRPDIG2	40-0105, 40-2003, 40-2006, 40-2014, 40-2023, 40-2024, 40-2192, 40-2361, 40-2362, 40-2377, 50-0405, 50-2003, 50-2006, 50-2014, 50-2023, 50-2024, 50-2055, 50-2056, 50-2057, 50-2058, 50-2059, 50-2060, 50-2061, 50-2192	40 CFR Part 60, Subpart Kc	Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.
GRPEV2	19-2062, 19-2071, 19-2074	40 CFR Part 60, Subpart BB	Multiple-effect evaporator system was constructed before 9/24/76 and has not been modified later than 9/24/76.
GRPTK01	17-2006, 17-2047, 17-2230, 18-2003, 18-2004, 19-2026, 19-2027, 19-2028, 19-2029, 19-2030, 19-2031, 19-2038, 19-2039, 19-2040, 19-2050, 19-2069, 19-2079, 19-2081, 19-2083, 19-2085, 19-2088, 19-2089, 19-2091, 21-2041, 24-2016, 24-2017, 24-2018, 24-2019, 24-2020, 24-2022, 24-2023, 24-2024, 24-2025, 24-2026, 24-2027, 24-2029, 24-2031, 24-2047, 24-2048, 24-2049, 24-2050, 24-2051, 24-2052, 24-2053, 24-2057, 24-2059, 24-2060, 24-2062, 24-2065, 24-2071, 24-2073, 24-2092, 24-2093, 24-2094, 24-2095, 24-2097, 24-2098, 24-2105, 24-2108, 24-2109, 26-2011, 26-2012, 34-2078, 34-2079, 40-2001, 40-2004, 40-2016, 40-2022, 40-2028, 40-2034, 40-2035, 40-2039, 40-2061, 40-2087, 40-2088, 40-2089, 40-2101, 40-2102, 40-2103, 40-2104, 40-2167, 44-2014, 44-2016, 44-2017, 44-2018, 44-2019, 44-2020, 44-2021,	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	44-2022, 44-2023, 44-2024, 44-2025, 44-2043, 44-2065, 44-2080, 44-2081, 44-2144, 50-2001, 50-2016, 50-2022, 50-2053, 50-2066, 54-2101, 54-2102, 54-2103, 54-2107, 54-2108, 54-2109, 54-2110, 54-2111, 54-2113, 54-2122, 54-2236, 54-2237, 54-2238, 54-2527, 71-2001, 71-2002, 71-2003, 71-2098, 71-2099, 71-2113, 80-2940		
GRPTK01	17-2006, 17-2047, 17-2230, 18-2003, 18-2004, 19-2026, 19-2027, 19-2028, 19-2029, 19-2030, 19-2031, 19-2038, 19-2039, 19-2040, 19-2050, 19-2069, 19-2079, 19-2081, 19-2083, 19-2085, 19-2088, 19-2089, 19-2091, 21-2041, 24-2016, 24-2017, 24-2018, 24-2019, 24-2020, 24-2022, 24-2023, 24-2024, 24-2025, 24-2026, 24-2027, 24-2029, 24-2031, 24-2047, 24-2048, 24-2049, 24-2050, 24-2051, 24-2052, 24-2053, 24-2057, 24-2059, 24-2060, 24-2062, 24-2065, 24-2071, 24-2073, 24-2092, 24-2093, 24-2094, 24-2095, 24-2097, 24-2098, 24-2105, 24-2108, 24-2109, 26-2011, 26-2012, 34-2078, 34-2079, 40-2001, 40-2004, 40-2016, 40-2022, 40-2028, 40-2034, 40-2035, 40-2039, 40-2061, 40-2087, 40-2088, 40-2089, 40-2101, 40-2102, 40-2103, 40-2104, 40-2167, 44-2014, 44-2016, 44-2017, 44-2018, 44-2019, 44-2020, 44-2021,	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.

Permit Shield

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	44-2022, 44-2023, 44-2024, 44-2025, 44-2043, 44-2065, 44-2080, 44-2081, 44-2144, 50-2001, 50-2016, 50-2022, 50-2053, 50-2066, 54-2101, 54-2102, 54-2103, 54-2107, 54-2108, 54-2109, 54-2110, 54-2111, 54-2113, 54-2122, 54-2236, 54-2237, 54-2238, 54-2527, 71-2001, 71-2002, 71-2003, 71-2098, 71-2099, 71-2113, 80-2940		
GRPTK01	17-2006, 17-2047, 17-2230, 18-2003, 18-2004, 19-2026, 19-2027, 19-2028, 19-2029, 19-2030, 19-2031, 19-2038, 19-2039, 19-2040, 19-2050, 19-2069, 19-2079, 19-2081, 19-2083, 19-2085, 19-2088, 19-2089, 19-2091, 21-2041, 24-2016, 24-2017, 24-2018, 24-2019, 24-2020, 24-2022, 24-2023, 24-2024, 24-2025, 24-2026, 24-2027, 24-2029, 24-2031, 24-2047, 24-2048, 24-2049, 24-2050, 24-2051, 24-2052, 24-2053, 24-2057, 24-2059, 24-2060, 24-2062, 24-2065, 24-2071, 24-2073, 24-2092, 24-2093, 24-2094, 24-2095, 24-2097, 24-2098, 24-2105, 24-2108, 24-2109, 26-2011, 26-2012, 34-2078, 34-2079, 40-2001, 40-2004, 40-2016, 40-2022, 40-2028, 40-2034, 40-2035, 40-2039, 40-2061, 40-2087, 40-2088, 40-2089, 40-2101, 40-2102, 40-2103, 40-2104, 40-2167, 44-2014, 44-2016, 44-2017, 44-2018, 44-2019, 44-2020, 44-2021,	40 CFR Part 60, Subpart Kb	Tanks meet the definition of process tanks (i.e. excluded from the definition of storage vessels in §60.111a) and as such are not affected sources of 40 CFR 60, Subpart Kb.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	44-2022, 44-2023, 44-2024, 44-2025, 44-2043, 44-2065, 44-2080, 44-2081, 44-2144, 50-2001, 50-2016, 50-2022, 50-2053, 50-2066, 54-2101, 54-2102, 54-2103, 54-2107, 54-2108, 54-2109, 54-2110, 54-2111, 54-2113, 54-2122, 54-2236, 54-2237, 54-2238, 54-2527, 71-2001, 71-2002, 71-2003, 71-2098, 71-2099, 71-2113, 80-2940		
GRPTK01	17-2006, 17-2047, 17-2230, 18-2003, 18-2004, 19-2026, 19-2027, 19-2028, 19-2029, 19-2030, 19-2031, 19-2038, 19-2039, 19-2040, 19-2050, 19-2069, 19-2079, 19-2081, 19-2083, 19-2085, 19-2088, 19-2089, 19-2091, 21-2041, 24-2016, 24-2017, 24-2018, 24-2019, 24-2020, 24-2022, 24-2023, 24-2024, 24-2025, 24-2026, 24-2027, 24-2029, 24-2031, 24-2047, 24-2048, 24-2049, 24-2050, 24-2051, 24-2052, 24-2053, 24-2057, 24-2059, 24-2060, 24-2062, 24-2065, 24-2071, 24-2073, 24-2092, 24-2093, 24-2094, 24-2095, 24-2097, 24-2098, 24-2105, 24-2108, 24-2109, 26-2011, 26-2012, 34-2078, 34-2079, 40-2001, 40-2004, 40-2016, 40-2022, 40-2028, 40-2034, 40-2035, 40-2039, 40-2061, 40-2087, 40-2088, 40-2089, 40-2101, 40-2102, 40-2103, 40-2104, 40-2167, 44-2014, 44-2016, 44-2017, 44-2018, 44-2019, 44-2020, 44-2021,	40 CFR Part 60, Subpart Kc	Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	44-2022, 44-2023, 44-2024, 44-2025, 44-2043, 44-2065, 44-2080, 44-2081, 44-2144, 50-2001, 50-2016, 50-2022, 50-2053, 50-2066, 54-2101, 54-2102, 54-2103, 54-2107, 54-2108, 54-2109, 54-2110, 54-2111, 54-2113, 54-2122, 54-2236, 54-2237, 54-2238, 54-2527, 71-2001, 71-2002, 71-2003, 71-2098, 71-2099, 71-2113, 80-2940		
GRPTK02	71-2374-AST, 71-2375-AST, 71-2423, 71-2424, 71-2425	40 CFR Part 60, Subpart K	Tank capacity is less than 151,412 liters (40,000 gal).
GRPTK02	71-2374-AST, 71-2375-AST, 71-2423, 71-2424, 71-2425	40 CFR Part 60, Subpart Ka	Tank capacity is less than 151,416 liters (40,000 gal).
GRPTK02	71-2374-AST, 71-2375-AST, 71-2423, 71-2424, 71-2425	40 CFR Part 60, Subpart Kb	Tank capacity less than 75 cubic meters (19,812 gal).
GRPTK02	71-2374-AST, 71-2375-AST, 71-2423, 71-2424, 71-2425	40 CFR Part 60, Subpart Kc	Tank capacity less than 75.7 cubic meters (20,000 gal).
GRPTK03	18-2032, 24-2061, 30-2601, 40-2020, 40-2025, 40-2026, 40-2038, 40-2166, 40-2405, 44-2006, 44-2151, 44-2335, 44-2337, 44-2338, 50-2020, 50-2021, 50-2044, 50-2045, 50-2048, 50-2405, 54-2180, 54-2181, 54-2674, 71-2542, 80-2877, 80-2878, 80-2881, 80-2926, 80-2927, 80-2928, 99-0472, 99-0612, 99-0615, E4-BIOC, NA-7533	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.
GRPTK03	18-2032, 24-2061, 30-2601, 40-2020, 40-2025, 40-2026, 40-2038, 40-2166, 40-2405, 44-2006, 44-2151, 44-2335,	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	44-2337, 44-2338, 50-2020, 50-2021, 50-2044, 50-2045, 50-2048, 50-2405, 54-2180, 54-2181, 54-2674, 71-2542, 80-2877, 80-2878, 80-2881, 80-2926, 80-2927, 80-2928, 99-0472, 99-0612, 99-0615, E4-BIOC, NA-7533		
GRPTK03	18-2032, 24-2061, 30-2601, 40-2020, 40-2025, 40-2026, 40-2038, 40-2166, 40-2405, 44-2006, 44-2151, 44-2335, 44-2337, 44-2338, 50-2020, 50-2021, 50-2044, 50-2045, 50-2048, 50-2405, 54-2180, 54-2181, 54-2674, 71-2542, 80-2877, 80-2878, 80-2881, 80-2926, 80-2927, 80-2928, 99-0472, 99-0612, 99-0615, E4-BIOC, NA-7533	40 CFR Part 60, Subpart Kb	Tank capacity less than 75 cubic meters (19,812 gal).
GRPTK03	18-2032, 24-2061, 30-2601, 40-2020, 40-2025, 40-2026, 40-2038, 40-2166, 40-2405, 44-2006, 44-2151, 44-2335, 44-2337, 44-2338, 50-2020, 50-2021, 50-2044, 50-2045, 50-2048, 50-2405, 54-2180, 54-2181, 54-2674, 71-2542, 80-2877, 80-2878, 80-2881, 80-2926, 80-2927, 80-2928, 99-0472, 99-0612, 99-0615, E4-BIOC, NA-7533	40 CFR Part 60, Subpart Kc	Tank capacity less than 75.7 cubic meters (20,000 gal).
GRPTK04	17-2048, 19-2011, 19-2080, 19-2084, 40-2100	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.
GRPTK04	17-2048, 19-2011, 19-2080, 19-2084, 40-2100	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.
GRPTK04	17-2048, 19-2011, 19-2080, 19-2084,	40 CFR Part 60, Subpart Kb	Tanks were constructed before 07/23/1984 and

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
	40-2100		have not been modified later than 07/23/1984.
GRPTK04	17-2048, 19-2011, 19-2080, 19-2084, 40-2100	40 CFR Part 60, Subpart Kc	Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.
GRPTK05	19-2107, 24-2074, 40-2334, 40-2335, 40-2539, 50-2004, 50-2025, 50-2026, 50-2032, 50-2065, 54-2234, 54-2285, 54-2323, 54-2343, 54-2360, 54-2441, 54-2472, 54-2528	40 CFR Part 60, Subpart K	Tanks do not store petroleum liquids.
GRPTK05	19-2107, 24-2074, 40-2334, 40-2335, 40-2539, 50-2004, 50-2025, 50-2026, 50-2032, 50-2065, 54-2234, 54-2285, 54-2323, 54-2343, 54-2360, 54-2441, 54-2472, 54-2528	40 CFR Part 60, Subpart Ka	Tanks do not store petroleum liquids.
GRPTK05	19-2107, 24-2074, 40-2334, 40-2335, 40-2539, 50-2004, 50-2025, 50-2026, 50-2032, 50-2065, 54-2234, 54-2285, 54-2323, 54-2343, 54-2360, 54-2441, 54-2472, 54-2528	40 CFR Part 60, Subpart Kb	Tank capacity less than 75 cubic meters (19,812 gal).
GRPTK05	19-2107, 24-2074, 40-2334, 40-2335, 40-2539, 50-2004, 50-2025, 50-2026, 50-2032, 50-2065, 54-2234, 54-2285, 54-2323, 54-2343, 54-2360, 54-2441, 54-2472, 54-2528	40 CFR Part 60, Subpart Kc	Tank capacity less than 75.7 cubic meters (20,000 gal).
MEOHLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Located in Jasper County and transferring of VOC other than gasoline.
SOAPLOAD	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Located in Jasper County and transferring of VOC other than gasoline.
TURPLOAD	N/A	30 TAC Chapter 115, Loading and Unloading	Located in Jasper County and transferring of

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
		of VOC	VOC other than gasoline.

New Source Review Authorization References

New Source Review Authorization References	105
New Source Review Authorization References by Emission Unit	106

New Source Review Authorization References

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

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX785M7	Issuance Date: 04/25/2022
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 20365	Issuance Date: 04/25/2022
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 7	Version No./Date: 10/04/1995
Number: 51	Version No./Date: 05/04/1994
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 09/04/2000
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.264	Version No./Date: 03/14/1997
Number: 106.317	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.433	Version No./Date: 09/04/2000
Number: 106.452	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.474	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 106.532	Version No./Date: 09/04/2000
Number: 118	Version No./Date: 05/04/1994
Number: 118	Version No./Date: 06/07/1996

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
1	NO. 2 POWER BOILER STACK	20365, PSDTX785M7
11-2030	NORTH COOLING TOWER	106.371/09/04/2000
13	NO. 4 LIME SLAKER STACK	20365, PSDTX785M7
17-2006	NO. 1 PM BROKE TANK	20365, PSDTX785M7
17-2007	E2 POLYMER TANK	106.472/09/04/2000
17-2047	NO. 1 PM PRIME PINE RAW STOCK STORAGE TANK	20365, PSDTX785M7
17-2048	NO. 1 PM EAST ROSIN TANK	20365, PSDTX785M7
17-2230	NO. 1 PM BROWNSTOCK STORAGE	20365, PSDTX785M7
18-2003	STANDARD PINE TANK	20365, PSDTX785M7
18-2004	PM RECYCLE BROKE TANK	20365, PSDTX785M7
18-2032	NO. 4 PM DRS TANK	106.472/09/04/2000
19-2011	NO. 4 RECOVERY ASH MIX TANK	20365, PSDTX785M7
19-2021	NO. 4 CHEMICAL RECOVERY BOILER	20365, PSDTX785M7
19-2022	NO. 1 FINISHER	20365, PSDTX785M7
19-2023	NO. 2 FINISHER	20365, PSDTX785M7
19-2025	NO. 3 SMELT DISSOLVING TANK	20365, PSDTX785M7
19-2026	NO. 2 RECOVERY BOILER SMALL SPILL TANK	20365, PSDTX785M7
19-2027	NO. 5 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7, 106.264/03/14/1997 [110879]
19-2028	NO. 6 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
19-2029	NO. 4 63% HEAVY BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
19-2030	NO. 2 65% HEAVY BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
19-2031	NO. 4 RECOVERY ASH HOPPER BLACK LIQUOR SLUICE TANK	20365, PSDTX785M7
19-2032	NO. 4 SOUTH SMELT DISSOLVING TANK	20365, PSDTX785M7
19-2033	NO. 4 NORTH SMELT DISSOLVING TANK	20365, PSDTX785M7
19-2038	NO. 4 HEAVY BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
19-2039	NO. 4 EVAPORATORS SOAP SEPARATOR TANK	20365, PSDTX785M7, 106.261/11/01/2003 [86620], 106.262/11/01/2003 [86620], 106.472/09/04/2000 [86620]
19-2040	NO. 5 RECLAIM SPILL TANK	20365, PSDTX785M7, 106.472/09/04/2000
19-2041	NO. 4 EVAPORATOR SYSTEM	20365, PSDTX785M7, 106.261/11/01/2003, 106.262/11/01/2003
19-2048	NO. 2 CONCENTRATOR	20365, PSDTX785M7
19-2049	NO. 3 CONCENTRATOR	20365, PSDTX785M7
19-2050	COMBINED CONDENSATE COLLECTION TANK	20365, PSDTX785M7
19-2053	NO. 2 EVAPORATOR SYSTEM	20365, PSDTX785M7
19-2062	NO. 3 EVAPORATOR SYSTEM	20365, PSDTX785M7, 106.261/11/01/2003, 106.262/11/01/2003
19-2069	NO. 3 EVAPORATOR FLASH	20365, PSDTX785M7
19-2071	NO. 3 PRE-EVAPORATOR SYSTEM	20365, PSDTX785M7
19-2074	NO. 2 PRE-EVAPORATOR SYSTEM	20365, PSDTX785M7
19-2079	FILTERED WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
19-2080	NO. 2 RECOVERY CONCENTRATED SOAP TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
19-2081	NO. 1 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7, 106.472/09/04/2000
19-2083	NO. 2 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7, 106.472/09/04/2000
19-2084	NO. 4 RECOVERY SOAP STORAGE TANK	20365, PSDTX785M7
19-2085	NO. 1 55% HEAVY BLACK LIQUOR STORAGE	20365, PSDTX785M7
19-2088	NO. 2 RECOVERY BOILER DUMP TANK	20365, PSDTX785M7
19-2089	NO. 2 RECOVERY BOILER USE TANK	20365, PSDTX785M7
19-2091	NO. 3 RECOVERY BOILER USE TANK	20365, PSDTX785M7
19-2098	NO. 3 CHEMICAL RECOVERY BOILER	20365, PSDTX785M7
19-2107	NO. 3 SDT SCRUBBER TANK	20365, PSDTX785M7
1K-DRIV	NO. 1 LK DRIVE	106.512/06/13/2001
21-2041	NO. 6 CATION TANK	106.532/09/04/2000
21-2069	NO. 6 POWER BOILER	20365, PSDTX785M7, 106.263/11/01/2001, 118/06/07/1996 [33941]
21-2081	NO. 5 POWER BOILER	20365, PSDTX785M7, 106.263/11/01/2001
21-2105	NO. 2 POWER BOILER	20365, PSDTX785M7, 106.263/11/01/2001, 118/06/07/1996 [33941]
24-2016	NO. 2 WEAK WASH TANK	20365, PSDTX785M7
24-2017	NO. 3 MUD WASHER	20365, PSDTX785M7
24-2018	NO. 4 WHITE LIQUOR CLARIFIER	20365, PSDTX785M7, 106.472/09/04/2000
24-2019	NO. 2 MUD STORAGE TANK	20365, PSDTX785M7
24-2020	NO. 1 MUD STORAGE TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
24-2022	NO. 3 MUD STORAGE TANK	20365, PSDTX785M7
24-2023	GREEN LIQUOR STABILIZATION TANK	20365, PSDTX785M7
24-2024	NO. 1 MUD WASHER	20365, PSDTX785M7
24-2025	RAW GREEN LIQUOR STORAGE TANK	20365, PSDTX785M7
24-2026	RECAUST WASTE WATER CLARIFIER	20365, PSDTX785M7
24-2027	NO. 1 WEAK WASH TANK	20365, PSDTX785M7
24-2029	NO. 2 WHITE LIQUOR STORAGE TANK	20365, PSDTX785M7
24-2031	NO. 1 WHITE LIQUOR STORAGE TANK	20365, PSDTX785M7
24-2047	NO. 4 LIME MUD WASHER	20365, PSDTX785M7
24-2048	NO. 6 GREEN LIQUOR CLARIFIER	20365, PSDTX785M7
24-2049	NO. 5 WHITE LIQUOR CLARIFIER	20365, PSDTX785M7
24-2050	NO. 5 MUD WASHER	20365, PSDTX785M7
24-2051	NO. 4-3 CAUSTICIZER TANK	20365, PSDTX785M7
24-2052	NO. 4-2 CAUSTICIZER TANK	20365, PSDTX785M7
24-2053	NO. 4-1 CAUSTICIZER TANK	20365, PSDTX785M7
24-2057	NO. 4 LIME SLAKER	20365, PSDTX785M7
24-2059	NO. 5 GREEN LIQUOR CLARIFIER	20365, PSDTX785M7
24-2060	NO. 6 WHITE LIQUOR CLARIFIER	20365, PSDTX785M7
24-2061	RECAUST MURIATIC ACID TANK	20365, PSDTX785M7, 106.474/09/04/2000
24-2062	NO. 3 WHITE LIQUOR STORAGE	20365, PSDTX785M7
24-2065	NO. 3 MUDWASHER, NO. 1 MUD MIX TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
24-2071	NO. 7 LIME SLAKER	20365, PSDTX785M7
24-2073	NO. 7 WHITE LIQUOR ECOFILTER	20365, PSDTX785M7
24-2074	NO. 7 ECOFILTER MUDWASHER	20365, PSDTX785M7
24-2082	NO. 7 LIME KILN	20365, PSDTX785M7
24-2092	NO. 7-3 CAUSTICIZER TANK	20365, PSDTX785M7
24-2093	NO. 7 ECOFILTER FEED TANK	20365, PSDTX785M7
24-2094	NO. 7 KILN LIME MUD DILUTION TANK	20365, PSDTX785M7
24-2095	NO. 7 KILN LIME MUD MIX TANK	20365, PSDTX785M7
24-2097	NO. 7 LIME MUD STORAGE TANK	20365, PSDTX785M7
24-2098	WEAK WASH STANDPIPE	20365, PSDTX785M7
24-2105	NO. 7 GREEN LIQUOR CLARIFIER	20365, PSDTX785M7
24-2108	NO. 7-2 CAUSTICIZER TANK	20365, PSDTX785M7
24-2109	NO. 7-1 CAUSTICIZER TANK	20365, PSDTX785M7
24-2154	NO. 1 LIME KILN	20365, PSDTX785M7
26	NO. 4 RECOVERY BOILER STACK	20365, PSDTX785M7, 106.261/11/01/2003 [86620], 106.262/11/01/2003 [86620], 106.472/09/04/2000 [86620]
26-2002	NO. 5 CONCENTRATOR SYSTEM	20365, PSDTX785M7
26-2011	NO. 5 CONCENTRATOR, NO. 2 BLACK LIQUOR FEED TANK	20365, PSDTX785M7
26-2012	NO. 5 CONCENTRATOR, NO. 1 BLACK LIQUOR FEED TANK	20365, PSDTX785M7
3	NO. 3 RECOVERY UNIT NORTH STACK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
30-2601	93% SULFURIC ACID DAY TANK	20365, PSDTX785M7, 106.472/09/04/2000
30-2602	METHANOL STORAGE TANK	20365, PSDTX785M7
30-2603	SODIUM CHLORATE UNLOADING TANK	20365, PSDTX785M7, 106.472/09/04/2000
30-2606	SODIUM CHLORATE TANK	20365, PSDTX785M7, 106.472/09/04/2000
30-2610	COOLING TOWER AT CLO2 PLANT	106.371/09/04/2000
34-2078	NO. 2 PM NORTH BROKE TANK	20365, PSDTX785M7
34-2079	NO. 3 RECOVERY UNIT NORTH STACK	20365, PSDTX785M7
4	NO. 3 RECOVERY UNIT SOUTH STACK	20365, PSDTX785M7
40-0105	NO. 4 FL DIGESTER STEAMING VESSEL	20365, PSDTX785M7
40-2001	HARDWOOD BROWN PULP STORAGE	20365, PSDTX785M7
40-2002	NO. 4 DIGESTER	20365, PSDTX785M7
40-2003	NO. 4 FL IMPREGNATION VESSEL	20365, PSDTX785M7
40-2004	NO. 4 BSW FILTRATE TANK	20365, PSDTX785M7
40-2006	NO. 4 FL NO. 1 FLASH CONDENSATE TANK	20365, PSDTX785M7
40-2014	NO. 4 FL NO. 2 FLASH CONDENSATE TANK	20365, PSDTX785M7
40-2016	NO. 4 DECKER FILTRATE TANK	20365, PSDTX785M7
40-2020	NO. 4 FL KNOT TANK	20365, PSDTX785M7
40-2022	NO. 4 BLEACH FEED TANK	20365, PSDTX785M7
40-2023	NO. 4 FL NO. 1 FLASH TANK	20365, PSDTX785M7
40-2024	NO. 4 FL NO. 2 FLASH TANK	20365, PSDTX785M7
40-2025	NO. 4 BP D1 FILTRATE TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
40-2026	NO. 4 BP EOP FILTRATE TANK	20365, PSDTX785M7
40-2028	BLEACHED HARDWOOD - JUMBO STORAGE	20365, PSDTX785M7
40-2034	BLEACHED HARDWOOD - SOUTH STORAGE	20365, PSDTX785M7
40-2035	BLEACHED HARDWOOD - NORTH STORAGE	20365, PSDTX785M7
40-2038	93% SULFURIC ACID DAY TANK	20365, PSDTX785M7, 106.472/09/04/2000
40-2039	NO. 5 HD, PM BROKE TANK	20365, PSDTX785M7
40-2061	RESERVE - 151 TON STOCK TANK	20365, PSDTX785M7
40-2087	BLEACHED PINE - SOUTHEAST STORAGE	20365, PSDTX785M7
40-2088	BLEACHED PINE - EAST STORAGE	20365, PSDTX785M7
40-2089	BLEACHED PINE - WEST STORAGE	20365, PSDTX785M7
40-2100	NO. 2 FOAM TANK	20365, PSDTX785M7
40-2101	NO. 5A WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
40-2102	NO. 7 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
40-2103	NO. 9 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
40-2104	NO. 8 WEAK BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
40-2166	TURPENTINE STORAGE TANK	20365, PSDTX785M7
40-2167	TURPENTINE DECANTER TANK	20365, PSDTX785M7
40-2192	NO. 4 FL CHIP BIN	20365, PSDTX785M7
40-2334	NO. 4 PM SIZE TANK	106.472/09/04/2000
40-2335	NO. 4 PM RETENTION AID TANK	106.472/09/04/2000
40-2361	NO. 4 FL NCG SYSTEM CHIP BIN SEPARATOR TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
40-2362	NO. 4 FL CHIP BIN GAS CONDENSER	20365, PSDTX785M7
40-2377	NO. 4 FL NCG SYSTEM FOUL CONSENDATE TANK	20365, PSDTX785M7
40-2405	NO. 4 BLEACH PLANT HYDROGEN PEROXIDE PROCESS TANK	106.262/09/04/2000 [49029]
40-2539	NO. 4 FL SOUTH DEFOAMER TANK	20365, PSDTX785M7
40-2700	NO. 4 FL SULFURIC ACID DAY TANK	106.472/09/04/2000
43	NO. 1 LIME KILN SCRUBBER	20365, PSDTX785M7
44-2006	NO. 4 PM DECULATER	20365, PSDTX785M7
44-2014	NO. 4 PM BROKE STORAGE TANK	20365, PSDTX785M7
44-2016	NO. 4 PM SAVEALL FEED CHEST	20365, PSDTX785M7
44-2017	NO. 4 PM PINE CHEST	20365, PSDTX785M7
44-2018	NO. 4 PM BLEND CHEST	20365, PSDTX785M7
44-2019	NO. 4 PM MACHINE CHEST	20365, PSDTX785M7
44-2020	NO. 4 PM LEVELING CHEST	20365, PSDTX785M7
44-2021	NO. 4 PM WHITE WATER CHEST	20365, PSDTX785M7
44-2022	NO. 4 PM PRIMARY REJECT CHEST	20365, PSDTX785M7
44-2023	NO. 4 PM SILO	20365, PSDTX785M7
44-2024	NO. 4 PM COUCH PIT	20365, PSDTX785M7
44-2025	NO. 4 PM HYDRAPULPER PRESS SECTION	20365, PSDTX785M7
44-2043	NO. 4 PM NO. 13 CONDENSATE TANK	106.472/09/04/2000
44-2065	NO. 4 PM HYDRAPULPER WINDER	20365, PSDTX785M7
44-2080	NO. 4 PM HYDRAPULPER SIZE PRESS	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
44-2081	NO. 4 PM HYDRAPULPER DRY END	20365, PSDTX785M7
44-2144	NO. 4 PM WIRE PIT	20365, PSDTX785M7
44-2151	NO. 4 PM AKD TANK	106.472/09/04/2000
44-2335	RETENTION AID POLYMER TANK	106.472/09/04/2000
44-2337	NO. 4 PM AKD TANK SOUTH	106.472/09/04/2000
44-2338	NO. 4 PM AKD TANK NORTH	106.472/09/04/2000
50	NO. 6 POWER BOILER STACK	20365, PSDTX785M7
50-0405	NO. 5 FL DIGESTER STEAMING VESSEL	20365, PSDTX785M7
50-2001	NO. 5 FL HD STOCK TANK	20365, PSDTX785M7
50-2002	NO. 5 DIGESTER	20365, PSDTX785M7
50-2003	NO. 5 FL IMPREGNATION VESSEL	20365, PSDTX785M7
50-2004	NO. 5 BSW FILTRATE TANK	20365, PSDTX785M7
50-2006	NO. 5 FL NO. 1 FLASH CONDENSATE TANK	20365, PSDTX785M7
50-2014	NO. 5 FL NO. 2 FLASH CONDENSATE TANK	20365, PSDTX785M7
50-2016	NO. 5 FL DECKER FILTRATE TANK	20365, PSDTX785M7
50-2020	NO. 5 KNOT TANK	20365, PSDTX785M7
50-2021	NO. 5 FL SCREEN DILUTION TANK	20365, PSDTX785M7
50-2022	NO. 5 FL BLEACH FEED TANK	20365, PSDTX785M7
50-2023	NO. 5 FL NO. 1 FLASH TANK	20365, PSDTX785M7
50-2024	NO. 5 FL NO. 2 FLASH TANK	20365, PSDTX785M7
50-2025	NO. 5 BP D1 FILTRATE TANK	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
50-2026	NO. 5 BP EOP BLEACH FILTRATE TANK	106.472/09/04/2000
50-2032	NO. 5 BP P FILTRATE TANK	20365, PSDTX785M7
50-2044	FL5 MAGNESIUM SULFATE TANK	106.472/09/04/2000
50-2045	VERSENE (R) 80 (DTPA)	20365, PSDTX785M7
50-2048	NO. 5 RETENTION AID TANK	106.472/09/04/2000
50-2053	NO. 5 BROWN STOCK WASHER	20365, PSDTX785M7
50-2055	NO. 5 FL ENTRAINMENT SEPARATOR	20365, PSDTX785M7
50-2056	NO. 5 FL PRIMARY TURPENTINE CONDENSER	20365, PSDTX785M7
50-2057	NO. 5 FL SECONDARY TURPENTINE CONDENSER	20365, PSDTX785M7
50-2058	NO. 5 FL NCG TURPENTINE GAS COOLER	20365, PSDTX785M7
50-2059	NO. 5 FL NCG SYSTEM FOUL CONDENSATE TANK	20365, PSDTX785M7
50-2060	NO. 5 FL CHIP BIN NCG SCRUBBER	20365, PSDTX785M7
50-2061	NO. 5 FL CHIP BIN GAS COOLER	20365, PSDTX785M7
50-2065	NO. 5 FL NORTH DEFOAMER TANK	20365, PSDTX785M7
50-2066	NO. 5 FL UNFILTERED WEAK BLACK LIQUOR TANK	20365, PSDTX785M7, 106.472/09/04/2000
50-2192	NO. 5 FL CHIP BIN	20365, PSDTX785M7
50-2405	NO. 5 BLEACH PLANT HYDROGEN PEROXIDE PROCESS TANK	106.262/09/04/2000 [49029]
51	NO. 5 POWER BOILER STACK	20365, PSDTX785M7
54-2101	NO. 5 S/W RAW STACK	20365, PSDTX785M7
54-2102	NO. 6 S/W RAW STACK	20365, PSDTX785M7
54-2103	NO. 5 PM BLEND CHEST	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
54-2107	NO. 5 PM SAVEALL RECOVERED STOCK CHEST	20365, PSDTX785M7
54-2108	NO. 5 PM CLOUDY WHITEWATER CHEST	20365, PSDTX785M7
54-2109	NO. 5 PM CLEAR WHITEWATER CHEST	20365, PSDTX785M7
54-2110	NO. 5 PM CLARIFIED WHITEWATER CHEST	20365, PSDTX785M7
54-2111	NO. 5 PM BROKE CHEST	20365, PSDTX785M7
54-2113	NO. 5 PM MACHINE CHEST	20365, PSDTX785M7
54-2122	NO. 5 PM CLEANER SCREEN & REJECT DILUTION CHEST	20365, PSDTX785M7
54-2180	NO. 5 PM SOUTH AKD TANK	106.472/09/04/2000
54-2181	NO. 5 PM NORTH AKD TANK	106.472/09/04/2000
54-2234	NO. 5 PM MACHINE SILO	20365, PSDTX785M7
54-2236	NO. 5 PM MACHINE WHITEWATER CHEST/ COUCH PIT	20365, PSDTX785M7
54-2237	NO. 5 PM SEAL PIT	20365, PSDTX785M7
54-2238	NO. 5 PM COUCH PIT	20365, PSDTX785M7
54-2285	NO. 5 PM PRESS PIT PULPER	20365, PSDTX785M7
54-2323	NO. 5 PM SIZE PRESS PULPER	20365, PSDTX785M7
54-2343	NO. 5 PM WEST STACK PULPER	20365, PSDTX785M7
54-2355	NO. 5 PM WEST COOLING TOWER	106.371/09/04/2000
54-2360	NO. 5 PM NO. 1 REEL PULPER	20365, PSDTX785M7
54-2441	NO. 5 PM WINDER PULPER	20365, PSDTX785M7
54-2472	NO. 5 PM NO. 2 REEL PULPER	20365, PSDTX785M7
54-2527	NO. 5 PM RICEHULL PIT	20365, PSDTX785M7

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
54-2528	NO. 5 PM WET END EFFLUENT SUMP	20365, PSDTX785M7
54-2674	NO. 5 PM SULFURIC ACID STORAGE TANK	106.472/09/04/2000 [110853]
5B	NO. 3 SMELT DISSOLVING TANK	20365, PSDTX785M7
7	NO. 7 LIME KILN ESP STACK	20365, PSDTX785M7
705760-210	LIQUID FUEL STORAGE TANK (24-2321)	20365, PSDTX785M7
71-2001	NO. 6 55% HEAVY BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
71-2002	NO. 5 55% HEAVY BLACK LIQUOR STORAGE TANK	20365, PSDTX785M7
71-2003	NO. 2 RECOVERY SOAP STORAGE TANK	20365, PSDTX785M7
71-2098	WASTE TREATMENT CLARIFIER	20365, PSDTX785M7
71-2099	WASTE THICKENER CLARIFIER	20365, PSDTX785M7
71-2113	FILTER PLANT BACKWASH TANK	20365, PSDTX785M7
71-2374-AST	DIESEL STORAGE TANK	20365, PSDTX785M7
71-2375-AST	GASOLINE STORAGE TANK	20365, PSDTX785M7
71-2422	OIL-USED STORAGE TANK	20365, PSDTX785M7
71-2423	OIL-LUBRICATING TANK	20365, PSDTX785M7
71-2424	OIL-LUBRICATING TANK	20365, PSDTX785M7
71-2425	OIL-HYDRAULIC TANK	20365, PSDTX785M7
71-2542	WEST SODIUM HYPOCHLORITE TANK N	106.532/09/04/2000
77	NO. 4 DIFFUSION WASHER VENT	20365, PSDTX785M7
78	NO. 5 DIFFUSION WASHER VENT	20365, PSDTX785M7
7K-DRIV	NO. 7 LK DRIVE	106.512/06/13/2001

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
7M-DRIV	NO. 7 MUD STORAGE	106.512/06/13/2001
80-2865	NO. 1 LATEX STORAGE TANK	20365, PSDTX785M7
80-2867	NO. 2 LATEX STORAGE TANK	20365, PSDTX785M7
80-2869	NO. 3 LATEX STORAGE TANK	20365, PSDTX785M7
80-2877	DEFOAMER STORAGE TANK	20365, PSDTX785M7
80-2878	DISPERSANT STORAGE TANK	20365, PSDTX785M7
80-2881	VISCOSITY MODIFIER STORAGE TANK	20365, PSDTX785M7
80-2926	COATING COLOR VST NO. 1 MIXER	20365, PSDTX785M7
80-2927	COATING COLOR VST NO. 2 MIXER	20365, PSDTX785M7
80-2928	COATING COLOR VST NO. 3 MIXER	20365, PSDTX785M7
80-2940	CLAY SLURRY TANK	20365, PSDTX785M7, 106.261/11/01/2003 [86620], 106.262/11/01/2003 [86620], 106.472/09/04/2000 [86620]
99-0472	NO. 1 PM DEFOAMER STORAGE TANK	20365, PSDTX785M7
99-0612	DREWFAX 342 POLYTANK	20365, PSDTX785M7
99-0615	DREWFAX 393 POLYTANK	20365, PSDTX785M7
DF-PMP1	DIESEL FIRE PUMP 1	106.511/09/04/2000
DF-PMP2	DIESEL FIRE PUMP 2	106.511/09/04/2000
DIESELLOAD	DIESEL LOADING/ UNLOADING	20365, PSDTX785M7
E4-BIOC	E4 BIOCIDES TANK	106.261/11/01/2003 [70534], 106.472/09/04/2000
E4-WASH	E4 FELT WASH	106.473/09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization **
E5-POLY	E5 POLYMER TANK	106.472/09/04/2000
FL-SCAL	FL SCALE INHIBITOR	106.473/09/04/2000
GASLOAD	GASOLINE LOADING/ UNLOADING	20365, PSDTX785M7
GEN1	EMERGENCY GENERATOR	20365, PSDTX785M7, 106.511/09/04/2000
LF-FUG	LANDFILL FUGITIVES	20365, PSDTX785M7
MEOHLOAD	METHANOL UNLOADING	20365, PSDTX785M7
NA-7533	NALCO 7533 TANK	106.472/09/04/2000
PROKRAFT	KRAFT PROCESS LVHC SYSTEM	20365, PSDTX785M7
SOAPLOAD	SOAP LOADING	20365, PSDTX785M7
SR73-CT	SWITCH ROOM 73 COOLING TOWER	106.371/09/04/2000
SR77-CT	SWITCH ROOM 77 COOLING TOWER	106.371/09/04/2000
SR82-CT	SWITCH ROOM 82 COOLING TOWER	106.371/09/04/2000
SR83-CT	SWITCH ROOM 83 COOLING TOWER	106.371/09/04/2000
TURPLOAD	TURPENTINE LOADING	20365, PSDTX785M7
WW-PMP1	NORTH EFFLUENT PUMP ENGINE	106.512/06/13/2001
WW-PMP2	SOUTH EFFLUENT PUMP ENGINE	106.511/09/04/2000, 106.512/06/13/2001

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

Alternative Requirement

Alternative Requirement..... 121



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

DEC 28 2001

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P.O. Box 816
Silsbee, Texas 77656

RE: Request for Approval of Alternative Monitoring Parameters/Approval for Alternative Requirements for Leak Detection and Repair (LDAR)

Dear Mr. Burris:

This letter is in response to your letter of April 3, 2001, requesting approval of the following:

1. an alternative monitoring parameter for the scrubber inlet gas flow;
2. permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber;
3. flexibility in the frequency of LDAR inspections;
4. an exemption from inspecting and testing those components that are located in unsafe areas; and
5. permission to use the NCASI direct injection method for HAPS testing of foul condensates.

We would like to address each of your specific requests, in the order listed above.

1. As you know, the Westvaco facility in Evadale, Texas, is subject to the requirements of 40 C.F.R. 63 Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry, also known as the Cluster Rule. Your facility is requesting our approval of use of an alternative monitoring parameter instead of the scrubber inlet gas flow prescribed in 40 C.F.R. 63.453(c)(2) for the bleach plant.

Per 40 C.F.R. 63.453(m), a source or an operator may choose to adopt an alternative monitoring parameter to comply with the standards established in Subpart S, provided that a Continuous Monitoring System is in place and the source or operator establishes appropriate operating parameters to be monitored in such a way that it will demonstrate continuous compliance with the applicable control requirements to the satisfaction of the Administrator.

However, per 40 C.F.R. 63.458(b)(2), the authority for determination and use of an alternative monitoring parameter can not be transferred (delegated) to a State.

Based on the discussion of the alternative monitoring parameter issue in the EPA Q & A Document for the Pulp & Paper MACT (Volume 1, Pages 8-10), Region 6 agrees that adequate rationale for using an alternative parameter (as required in §63.453(n)), has been demonstrated. Therefore, Region 6 concurs with Westvaco's request to monitor the operation of the fan used to convey vent gases to the gas scrubber as an equivalent procedure to monitoring the inlet gas flow rate at the gas scrubber, and accordingly approves this specific request.

Allowable monitoring parameters of fan operation include fan motor amperage, on/off status, or rotational speed of the fan. If you choose to specifically monitor fan operation, we request that you perform the following in order to ensure compliance with Subpart S:

- a) conduct annual negative pressure checks to ensure that the bleach plant scrubber fan induces the desired negative pressure across the system;
- b) conduct monthly visual inspections under the Leak Detection and Repair plan provisions for the scrubber fan and associated process;
- c) conduct periodic preventive maintenance of the bleach plant scrubber fan to ensure safe and proper operation of the system; and,
- d) respond immediately to any signs or indications of visible emissions from the scrubber stack, washer hoods, or towers at the bleach plant.

~~If you choose to specifically monitor the fan motor amperage, we request that you perform the following additional tasks to ensure compliance with Subpart S:~~

- ~~a) continuously record/monitor the fan motor amperage loading to ensure proper rotational fan speed and pressure drop for the bleach plant scrubber fan; and,~~
- ~~b) perform a successful initial performance test to determine an acceptable range of electrical current (amps) within which the fan needs to be operated.~~

Furthermore, ~~in case of future replacement of the fan blades or fan motor, you must demonstrate that gas flow rate to the scrubber has not increased as a result of changes to the fan~~

or conduct another performance test to ensure that the gas scrubber meets the emission limitations of the air permit.

Please be advised that this alternative monitoring determination shall by no means relieve you from complying with the applicable Recordkeeping and Reporting requirements established in 40 CFR 63.454 and 63.455 of Subpart S.

2. Regarding your request to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber, we are still reviewing this request with Headquarters and have asked you to submit additional information, per our recent telephone conversation. Rather than delay the approval of other items in your request letter, we will address this item separately when a decision has been made.

3. Regarding your request for the flexibility of being allowed to make Leak Detection and Repair (LDAR) inspections once every calendar month, with consecutive inspections being a minimum of 14 days apart, we will approve the flexibility of LDAR inspections once every calendar month; however, to maintain consistency among other pulp and paper mills that have submitted similar requests, we will require that any two consecutive inspections be at least 21 calendar-days apart. If you can justify in writing why your mill must have a minimum of 14 days instead of a minimum of 21 days between consecutive inspections, we will reevaluate our position on this subject.

4. Regarding your request of an exemption from inspection and testing those components that are located in unsafe areas, 40 CFR 63.148(g) and (h) exempt a closed vent system, vapor collection system, fixed roof, cover, or enclosure that is designated as unsafe to inspect from certain leak inspection provision requirements.

The Occupational Safety and Health Administration (OSHA), Department of Labor, has set forth the requirements for employers to provide means of fall protection in 29 CFR 1926.501. Elevated pipe bridges, elevated pipes that run on the exterior of the building walls, pipes that run in the vicinity of pressurized or high temperature processes, pipes that run in areas with high potential for exposure to H₂S or chlorinated compounds, locations above 6 feet of OSHA approved catwalk, or work floor are examples of locations that are designated as unsafe or inaccessible, at these mills, for LDAR inspection purposes.

Based upon this, Region 6 concurs with Westvaco's request for an exemption from inspection those components that are located in unsafe areas, with the following provisions:

- (a) a site specific LDAR plan will be updated and maintained and shall include all locations at the mill that are deemed as unsafe or inaccessible to inspect with an explanation why a location is designated as unsafe to inspect;

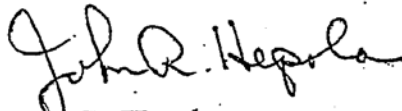
- b) an inspection of these unsafe or inaccessible locations will be made at least once every 5 years during the "safe-to-inspect" periods;
- c) other mechanisms such as low volume high concentration gas collection systems, steam ejectors, and monitoring of steam valve positions are in place to strengthen the leak detection program in discovering leaks without performing visual inspections at locations designated as unsafe or inaccessible; and
- d) this exemption from inspection of components located in unsafe/inaccessible areas does not relax or jeopardize the stringency of the existing requirements of Subpart S.

5. Regarding your request to use the NCASI direct injection method for HAPS testing of foul condensates, we are also reviewing this with Headquarters and will address this item separately.

We recommend that you share a copy of this determination letter with the appropriate State or local Title V permitting authority within your area for pending or future air permitting activities relevant to your mill. As a result, the permitting authority would be able to craft air permit conditions tailored specifically for your mill.

Should you have any questions regarding this determination letter, please contact me at (214) 665-7220 or Michelle Kelly of my staff at (214) 665-7580.

Sincerely yours,



John R. Hepola
Chief
Air/Toxic and Inspection
Coordination Branch

cc: Marion Everhart, TNRCC Region 10
Georgie Volz, TNRCC Region 10
Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

FEB 04 2002

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P.O. Box 816
Silsbee, Texas 77656

RE: Request for Approval of Alternative Monitoring Parameter - Scrubber pH

Dear Mr. Burris:

This is a follow-up to the EPA Region 6 letter dated December 28, 2001, which was in response to your letter of April 3, 2001, requesting approval of alternative monitoring parameters and alternative requirements for Leak Detection and Repair.

The following two items from your original request required either additional information from Westvaco or input from EPA Headquarters:

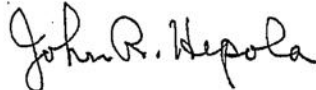
1. Permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber; and
2. Permission to use the NCASI direct injection method for HAPS testing of foul condensates.

This letter addresses only the first item. The second item will be addressed by EPA Headquarters directly in a separate letter.

Based upon the additional information you supplied to us on December 17, 2001, and our discussions with Headquarters, we hereby give you permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber, enabling you to maintain the scrubbing potential of the solution and meet your permitted emission limits. If for some reason you are no longer able to demonstrate compliance with this control strategy, you must notify our office and the TNRCC Regional Office as soon as possible.

If you have any questions concerning this response, please contact me at (214) 665-7220 or Michelle Kelly of my staff at (214) 665-7580.

Sincerely yours,

A handwritten signature in black ink that reads "John R. Hepola". The signature is written in a cursive style with a large, stylized 'J' and 'H'.

John R. Hepola

Chief

Air/Toxic and Inspection

Coordination Branch

cc: Marion Everhart, TNRCC Region 10
Georgie Volz, TNRCC Region 10
Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

FEB 8 2002

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P. O. Box 816
Silsbee, Texas 77656

Dear Mr Burris:

This is in response to your letter dated April 3, 2001, to John Hepola of Region 6 that requested several alternatives to testing and monitoring requirements under 40 CFR Part 63, Subpart S. Because the Office of Air Quality Planning and Standards rather than Region 6 is the delegated authority for approving major alternatives to compliance test methods, we are responding to your request for an alternative method to Method 305 required by 40 CFR 63.457(c)(3)(iii). You are proposing to use a procedure titled, "Selected HAPS in Condensates by GC/FID (NCASI Method DI/HAPS-99.01)," developed by the National Council for Air and Stream Improvement (NCASI) to analyze for acetaldehyde, methanol, propionaldehyde, and methyl ethyl ketone in condensate streams. I notified the NCASI by letter dated September 22, 2000, that this test method met Method 301 criteria for measuring these four HAPS in condensate streams, provided that the tester uses the appropriate correction factor. A copy of this letter is enclosed. Based on the data submitted by the NCASI and the similarity of the condensate streams for which you propose to use the method to the condensate streams from which the NCASI collected their supporting data, we are approving your request for use of this alternative test method at your facility in Evadale, Texas.

If you need further assistance, please contact Gary McAlister at (919) 541-1062.

Sincerely,

A handwritten signature in black ink, appearing to read "J. David Mobley".

J. David Mobley, Acting Director
Emissions Monitoring and Analysis Division

Enclosures

cc: Mr. Stephen Shedd, EPA/OAQPS/ESD
Ms. Michelle Kelly, Region 6
Ms. Marion Everhart, TNRCC, Region 10
Ms. Georgie Volz, TNRCC Region 10
Mr. Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

SEP 22 2000

Dr. Mary Ann Gunshefski
NCASI
Southern Regional Center
P.O. Box 141020
Gainesville, Florida 32614-1020

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

Dear Dr. Gunshefski:

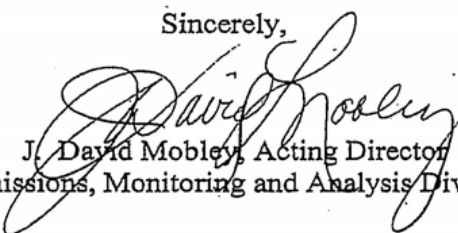
We have reviewed your report entitled, "EPA Method 301 Validation Report of the NCASI Method 'Selected HAPS in Condensates By GC/FID.'" We agree with your conclusion that this method, in all of its variations, met Method 301 criteria for measuring acetaldehyde, methanol, propionaldehyde, and methyl ethyl ketone in samples from the pulp and paper mill condensate streams regulated under 40 CFR Part 63, Subpart S, Paragraph 446(b). I have summarized in the enclosed Tables 1-4 the correction factors for the individual HAP's for each of the four variations in the test method. During any future testing, the tester must document and use the appropriate correction factor to correct the data from the test method.

As we discussed, each specific source must make its own alternative test method request. However, we can and will consider the validation data that you submitted in evaluating an alternative method request from any source similar to the ones at which you collected your validation data.

For our records we would like to have an electronic file copy of the test method and the supporting report in Wordperfect 6.x format.

If you have any questions about our comments or you would like to meet to discuss them, please contact Gary McAlister of my staff at (919) 541-1062.

Sincerely,


J. David Mobley, Acting Director
Emissions, Monitoring and Analysis Division

cc: K. C. Hustvedt (MD-13)
Stephen A. Shedd (MD-13)
Jeffrey A. Telander (MD-13)

Enclosure



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

SEP 24 2002

Mr. Phillip C. Sparks
Environmental Services
MeadWestvaco Corporation
P O Box 816
Silsbee, Texas 77656

Re: NSPS Alternative Monitoring
MeadWestvaco Corporation (formerly known as Westvaco Texas L.P.)
Permit No. 20365 and PSD-TX-785M6, Account No. JC-0003-K

Dear Mr. Sparks:

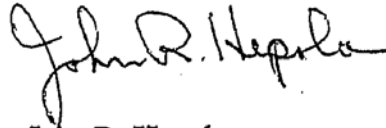
This letter is in response to your letter dated July 19, 2002, to Mr. Richard Hughes of the Texas Natural Resource Conservation Commission (recently renamed the Texas Commission on Environmental Quality (TCEQ)). Your letter was forwarded by Mr. Lawrence Buller of TCEQ on August 16, 2002, to the U.S. Environmental Protection Agency for a response since TCEQ is not delegated authority to issue alternative monitoring in this regard. In the letter, you requested the monitoring requirement specified in 40 CFR § 63.864(a)(2) of MACT Subpart MM be used as an alternative to that specified in 40 CFR § 60.284(b)(2)(ii) of NSPS Subpart BB. Along with this request, MeadWestvaco would also be able to unify monitoring and recordkeeping requirements if approved.

MeadWestvaco currently has three recovery boiler smelt dissolving tanks and one lime kiln subject to NSPS Subpart BB for wet scrubbers as emissions control devices, and anticipates more to be in operation in the future due to reconstruction or modification. The facility is also subject to MACT Subpart MM, promulgated on January 12, 2001.

40 CFR § 60.284(b)(2)(ii) requires continuous measurement of the scrubbing liquid supply pressure. 40 CFR § 63.864(a)(2) requires continuously monitoring and recording the pressure drop across the scrubber and the scrubbing liquid flow rate. From both provisions, the later requirement is at least as good as the former's. For your reference, you may review the requirements of wet scrubbers prescribed in Federal Register, Page 17762 of the April 11, 2002, issue for petroleum refineries.

This letter is to grant your request as stated above. If you have other questions concerning this response, you may contact Jim Yang of my staff at (214) 665-7578.

Sincerely yours,

A handwritten signature in black ink, reading "John R. Hepola". The signature is written in a cursive style with a large, stylized "J" and "H".

John R. Hepola
Chief
Air/Toxics and Inspection
Coordination Branch

cc: Lawrence Buller, P.E., TCEQ



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JUL 25 2012

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

Re: Request for Alternate Opacity Monitoring for No. 6 Power Boiler
Title 40, Code of Federal Regulations (C.F.R.), Part 60, Subpart Db

Dear Mr. Taylor:

In a letter dated July 29, 2008, Westvaco Texas L.P. (Westvaco) requested approval of an alternate monitoring plan (AMP) for the continuous opacity monitoring system (COMS), which is required under 40 C.F.R. Part 60, Subpart Db. Power Boiler No. 6 at Westvaco's Evandale, Texas Mill is an affected facility under this regulation.

Particulate emissions from Power Boiler No. 6 are controlled by a venturi wet gas scrubber (WGS). According to your letter, moisture in the exhaust of the WGS interferes with the operations of the COMS. Therefore, you requested our approval of an AMP similar to the plan approved by EPA for Westvaco on October 19, 2000 under 40 C.F.R. 60, Subpart D. On May 29, 2012, at EPA's request, Westvaco updated the original AMP with additional data and included the use of a second continuous operating parameter limits (OPLs) that would ensure opacity compliance.

The EPA has reviewed the updated proposed alternative measures and approves the following as the minimum requirements for the alternative monitoring parameters:

1. Westvaco shall monitor and maintain the pressure drop across the wet gas scrubber according to the following equation:
$$\text{Minimum Pressure Drop (in H}_2\text{O)} = 0.1 \times (\% \text{ average boiler load}) - 0.5$$
2. The minimum wet gas scrubber Liquid to Gas Ratio (L/G) shall equal 3.81 gallons of water per thousand pounds of gas per hour (gal/Kpph)
3. All monitored data shall be recorded as three-hour rolling averages, which are updated with hourly averages from the monitoring instruments.

4. All recorded data shall be maintained for a minimum of two (2) years and shall be made available to representatives from the EPA or the Texas Commission on Environmental Quality (TCEQ) upon request.
5. The demonstration of OPLs shall be periodically repeated at the same frequency as demonstration testing for the Title V renewal permit application.

If you have any questions or concerns about the AMP approval or data submittal requirements, please do not hesitate to contact Mr. Charles Handrich, of my staff, at (214) 665-6553.

Sincerely yours,



For David F. Garcia
Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, TCEQ, MC-149
Jeffrey Greif, TCEQ, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

JAN 31 2013

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

RE: Fuel Analysis Plan – Alternative Monitoring Plan (AMP)
Sulfur Dioxide (SO₂) Emissions from No. 6 Power Boiler
Subject to 40 Code of Federal Regulations (C.F.R.) Part 60, Subpart Db
Westvaco Texas L.P. (Westvaco)

Dear Mr. Taylor:

This letter is in response to your request dated November 26, 2012, for review and approval of your Fuel Analysis Plan for monitoring sulfur content of fuels in lieu of SO₂ emissions monitoring, allowed under New Source Performance Standards (NSPS), Title 40 CFR Part 60, Subpart Db – *Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units* for which construction, reconstruction, or modification commenced after June 19, 1984. The United States Environmental Protection Agency (EPA) conditionally approves your Fuel Analysis Plan, as delineated within this letter.

Westvaco's No. 6 Power Boiler fires a combination of wood, natural gas, and gaseous fuels in order to produce steam for use in power generation, pulp and papermaking processes, and for heating purposes. 40 CFR 60.46b(k)(2) specifies the following:

Units firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO₂ emissions limit in paragraph (k)(1) of this section.

Accordingly, 40 CFR 60.45(k) allows compliance to be demonstrated by a fuel based compliance alternative of 40 CFR 60.49b(r).

Since Westvaco will continue to obtain and maintain fuel receipts for the other fuels combusted, the Fuel Analysis Plan ensures that data will be collected to demonstrate that the average percentage sulfur concentration in the wood fuel, plus three standard deviations, will not result in a combined fuel mixture that will exceed the sulfur emission limit of 0.32 pounds per million BTUs. Therefore, and in accordance with the criteria

outlined in 40 CFR 60.49b(r)(2), we approve Westvaco's proposed fuel analysis plan under the following conditions:

1. Monitoring of the sulfur content can be done once per quarter, provided the average plus three standard deviations does not exceed 0.065% sulfur.
2. If the average plus three standard deviations exceed 0.065% sulfur, monitoring shall be increased to monthly.
3. Once monitoring monthly, the frequency of monitoring can be reduced to quarterly after five successive monthly samples demonstrate an average plus three standard deviations is less than 0.065% sulfur.
4. If any single value exceeds 0.126% sulfur, the monitored fuel cannot be burned and the Environmental Protection Agency, Region 6 must be notified.
5. All recorded data shall be maintained for a minimum of two years and be made available to representatives from EPA or the appropriate state agency upon request.

If you have any questions or concerns about our conditional approval or data submittal requirements, please do not hesitate to contact Mr. Handrich of my staff at (214) 665-6553.

Sincerely,



Steve Thompson
Acting Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, MC-149
Texas Commission on Environmental Quality (TCEQ)
Jeffrey Greif, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

JAN 03 2013

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

RE: Alternative Monitoring Plan (AMP) Request, Adjusted Parameter Value for Prior AMP Approval – Parametric Monitoring in Lieu of Continuous Opacity Monitoring System (COMS) for #6 Power Boiler, Subject to Title 40, Code of Federal Regulations (CFR) Part 60 Subpart Db; Westvaco Texas L.P. (Westvaco) plant located in Evandale, Texas.

Dear Mr. Taylor:

This letter is in response to your request dated October 29, 2012, where you identified an error in a particular monitoring parameter that will require adjustment to one of the established limits in your existing AMP approval by our office dated July 25, 2012. Upon review of the information and data provided, the United States Environmental Protection Agency (EPA) hereby approves a change to the value of one of the operating limits established in the currently approved AMP (July 25, 2012) as delineated below.

Specifically, Westvaco noted an error in the monitored process data, which impacted the approved Minimum Liquid-to-Gas Ratio (L/G) operating parameter for the #6 Power Boiler Wet Gas Scrubber (WGS). The Minimum L/G needs correction *from 3.81 to 5.05 gallons of water per one thousand pounds of gas per hour*. All other operating parameter values remain the same.

If you have any questions or concerns about this change to your approved AMP, please do not hesitate to contact Mr. Handrich of my staff at (214) 665-6553.

Sincerely,

Steve Thompson
Acting Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, TCEQ, MC-149
Jeffery Greif, TCEQ, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

JUL 24 2015

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

Mr. James H. Gresham
Mill Manager
MeadWestvaco Corporation
P.O. Box 816
Silsbee, TX 77656

Dear Mr. Gresham:

This letter is in response to your letter of March 4, 2003, to the Texas Commission on Environmental Quality and EPA Region 6 and your follow up letter and re-request on October 11, 2007, which were forwarded to us by EPA Region 6 on April 10, 2015, for review and approval of alternative testing procedures to be applied to the turpentine decanter unit located in your Evadale Mill at 1913 FM 105, Evadale, Texas. The turpentine decanter unit is subject to 40 CFR part 63, Subpart S, National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry (Subpart S), in particular, section 63.457(b)(5)(i).

According to Subpart S, you must demonstrate 98 percent removal efficiency of methanol from the turpentine recovery system using Method 308 (40 CFR part 63, Appendix A) to measure methanol during your compliance tests. You explain that the control technology for your turpentine decanter is a series of three, 55-gallon drum carbon canisters. You also indicate that the design of the turpentine decanter maintains a constant level of recovered turpentine and the decanter generates no active air flow from the emission source through the control technology to the atmosphere. Thus, there is insufficient air flow through the control system to perform Method 308 unless a system upset were to occur.

Because the design of your control device combined with the operation of your turpentine decanter makes it impossible to conduct the Method 308 inlet and outlet testing as required by Subpart S, you propose to use Draeger® tubes that detect methanol at a detection limit of 25 ppm to measure breakthrough between the first and second carbon canisters on a monthly basis. Following a detection of breakthrough, you would reroute the emission gas stream from the decanter to the second carbon canister control and replace the first canister that demonstrated breakthrough.

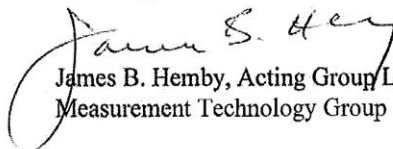
We have reviewed your request and the associated rule language from Subpart S. In consideration of the fact that the required Method 308 testing is not applicable to the control system on your turpentine decanter, we are approving your request to use Draeger® tubes to measure breakthrough between the first and second carbon canisters of this control system as an

alternative to measuring methanol at the inlet and outlet of the system using Method 308. We approve this alternative testing approach for methanol specifically for the carbon canister control system on your turpentine decanter at your Evadale Mill location only, with the following provisos:

- The carbon canister control system used to control the methanol emissions from the turpentine decanter will be evaluated for methanol breakthrough on a monthly basis using Draeger® tubes with a minimum detection limit not to exceed 25 ppm methanol. You must sequentially collect three such Draeger® tube samples following the tube manufacturer's instructions.
- If methanol breakthrough is detected in the emission gas stream after the first canister and before the second canister by any one of the three Draeger® tube samples, the facility must notify the appropriate regulatory authority and take appropriate action which may include replacing the first carbon canister prior to the next monthly breakthrough test.
- If methanol breakthrough is detected, you must also evaluate total system breakthrough by performing the alternative measurement procedure using Draeger® tubes, with a minimum detection limit not to exceed 25 ppm methanol. You must sequentially collect three Draeger® tube sample collections at the outlet of the third carbon canister. If breakthrough is detected at the outlet of the third carbon canister, this shall be considered an indication of non-compliance and you must notify the appropriate regulatory authority and take appropriate action, which may include replacing all three carbon canisters used in your control system as soon as practicable, to control your emissions.
- Monthly checks will be performed in each calendar month with at least three weeks (21 days) between each check.
- You must include a copy of this approval letter with required test plans and test reports for your turpentine decanter compliance demonstration.

If you have questions or need any further assistance regarding this matter, please contact Ray Merrill of my staff at (919) 541-5225 or at Merrill.raymond@epa.gov.

Sincerely,


James B. Hemby, Acting Group Leader
Measurement Technology Group

cc: John Bradfield, EPA/OAQPS/SPPD
Kelly Spence, EPA/OAQPS/SPPD
Cynthia J. Kaleri, EPA Region 6
Kathryn Saucedo, TCEQ Beaumont Regional Office
James H. Gresham, MeadWestvaco
Katherine Davis, MeadWestvaco

Appendix A

Acronym List 140

Acronym List

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

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Appendix B

Major NSR Summary Table 142

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
1	No. 2 Power Boiler Stack	VOC	20.00	87.60	6, 7, 16, 30, 31, 35, 36	3, 6, 7, 30, 31,35, 36, 38	6, 7, 36, 37
		NO _x	268.00	1173.80			
		SO ₂	2.30	10.10			
		PM	58.46	240.90			
		PM ₁₀	58.46	240.90			
		CO	190.00	832.30			
1	No. 2 Power Boiler Stack (Power Boiler 2 when firing non-condensable gases) (6)	VOC (9)	33.53	89.64	6, 7, 16, 30, 31, 35, 36	3, 6, 7, 30, 31,35, 36, 38	6, 7, 36, 37
		NO _x	268.00	---			
		SO ₂	27.36	111.74			
		PM	58.46	---			
		PM ₁₀	58.46	---			
		CO	190.00	---			
		TRS/H ₂ S	0.29	1.14			
3 and 4	No. 3 Recovery Boiler Stacks (both North and South Stacks)	VOC	14.00	60.00	5, 10, 25, 34, 36	5, 10, 25, 34, 36, 38	5, 36, 37
		NO _x	141.50	497.18			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂ (10)	74.98	327.40			
		PM	27.00	118.20			
		PM ₁₀	27.00	118.20			
		CO	163.80	716.20			
		TRS (10)	4.00	17.40			
		H ₂ S	4.00	17.40			
		H ₂ SO ₄	9.73	42.16			
		Fluorides	0.14	0.61			
		HCl	0.72	3.16			
5A	Black Liquor Soap Separator Tank	VOC	0.36	1.58			
		TRS	0.11	0.48			
		H ₂ S	0.02	0.08			
5B	No. 3 Smelt Dissolving Tank	VOC	14.07	60.95	7, 10, 11, 32, 33	7, 11, 32, 33, 38	7, 11, 37
		NO _x	1.70	7.30			
		SO ₂	6.70	29.20			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM	5.91	25.60			
		PM ₁₀	5.91	25.60			
		TRS	1.70	7.40			
		H ₂ S	1.70	7.40			
7	No. 7 Lime Kiln ESP Stack	VOC	5.00	21.02	5, 7, 19, 20, 28, 34, 36	5, 7, 20, 28, 34, 36, 38	5, 7, 36, 37
		NO _x	51.71	217.44			
		SO ₂ (10)	12.83	53.95			
		PM	6.78	29.13			
		PM ₁₀	6.78	29.13			
		CO	13.58	57.12			
		TRS (10)	0.95	3.99			
		H ₂ S	0.95	3.99			
		H ₂ SO ₄	0.13	0.55			
13	No. 4 Lime Slaker Stack	VOC	0.13	0.59			
		PM	1.37	6.00			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	1.37	6.00			
16A	No. 7 Lime Slaker Stack	VOC	0.31	1.29			
		PM	1.37	5.76			
		PM ₁₀	1.37	5.76			
19A	No. 1 Starch Unload	PM	0.09	0.13			
		PM ₁₀	0.09	0.13			
19B	No. 2 Starch Unload	PM	0.09	0.13			
		PM ₁₀	0.09	0.13			
19C	No. 3 Starch Unload	PM	0.09	0.13			
		PM ₁₀	0.09	0.13			
26	No. 4 Recovery Boiler Stack (includes Nos. 4S and 4N Smelt Dissolving Tanks)	VOC	17.90	78.40	5, 7, 10, 25, 32, 33, 34, 36	5, 7, 10, 25, 32, 33, 34, 36, 38	5, 7, 36, 37
		NO _x	171.60	751.60			
		SO ₂ (10)	119.40	522.90			
		PM	50.00	219.00			
		PM ₁₀	50.00	219.00			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	261.10	1143.80			
		TRS (10)	6.30	27.80			
		H ₂ S	6.30	27.80			
		H ₂ SO ₄	12.80	56.00			
		Fluorides	0.30	1.31			
		HCl	1.31	5.74			
43	No. 1 Lime Kiln Stack	VOC	2.21	7.26	7, 19, 20, 28, 32, 33, 36	7, 19, 20, 28, 32, 33, 36, 38	7, 36, 37
		NO _x	35.02	115.04			
		SO ₂ (10)	4.38	14.39			
		PM	12.16	39.95			
		PM ₁₀	12.16	39.95			
		CO	9.14	30.02			
		TRS (10)	0.53	1.74			
		H ₂ S	0.53	1.74			
		H ₂ SO ₄	0.08	0.26			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
44	Wood Cyclone (Pine)	PM	0.07	0.30			
		PM ₁₀	0.07	0.30			
45	Wood Cyclone (Hard)	PM	0.24	1.03			
		PM ₁₀	0.24	1.03			
46	Wood Cyclone (Total)	PM	0.51	2.16			
		PM ₁₀	0.51	2.16			
48	Lime Handling System (3 Silos: 24-2058, 24-2106, and 24-2107)	PM	0.07	0.31			
		PM ₁₀	0.07	0.31			
50	No. 6 Power Boiler Stack	VOC (9)	31.85	44.37	5, 6, 7, 16, 27, 30, 31, 35, 36	3, 5, 6, 7, 16, 27, 30, 31, 35, 36, 38	5, 6, 7, 36, 37
		NO _x (11)	238.85	1023.40			
		SO ₂	27.87	40.94			
		PM	79.62	341.13			
		PM ₁₀	79.62	341.13			
		CO	370.21	1586.28			
		TRS/H ₂ S	0.29	1.14			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
51	No. 5 Power Boiler Stack	VOC	3.07	13.45	5, 7, 16, 17, 26	2, 5, 7, 16, 17, 26, 38	5, 7, 37
		NO _x	17.17	74.20			
		SO ₂	0.20	0.80			
		PM	2.60	10.75			
		PM ₁₀	2.60	10.75			
		CO	30.50	---			
		CO (MSS)(7)	150.00	---			
		CO (Annual)	---	133.59			
70	No. 4 Bleach Plant (BP) Scrubber Stack	VOC	10.50	45.99	7, 21, 36	7, 21, 36, 38	7, 36, 37
		CO	108.00	473.00			
		Chlorine	0.41	1.80			
		Chlorine Dioxide	0.34	1.49			
		HCl	0.19	0.75			
71	No. 4 BP E _{OP} Tower/Wash Press Stack	VOC	3.91	17.13			
		CO	9.09	35.76			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
71A	No. 4 BP EOP Filtrate Tank Stack	VOC	0.05	0.20			
73	No. 5 BP EOP Tower Stack	VOC	2.42	10.61			
		CO	6.56	26.78			
73A	No. 5 BP EOP Filtrate Tank Stack	VOC	1.82	7.96			
77	No. 4 BSW Diffusion Washer Vent	VOC	26.70	117.10			
		TRS	0.01	0.01			
		H ₂ S	<0.01	<0.01			
78	No. 5 BSW Diffusion Washer Vent	VOC	37.40	164.00			
		TRS	<0.01	<0.01			
		H ₂ S	<0.01	<0.01			
81	Diesel Loading/Unloading	VOC	0.10	<0.01			
82	Gasoline Loading/Unloading	VOC	3.26	0.03			
75	No. 5 BP Scrubber Stack	VOC	2.33	10.20	7, 21, 36	7, 21, 36, 38	7, 36, 37

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	152.00	664.00			
		HCl	0.21	0.84			
		Chlorine	0.41	1.80			
		Chlorine Dioxide	0.34	1.49			
91	ClO ₂ Generator Tail Gas Scrubber Vent	VOC	0.50	2.32			
		Chlorine	0.02	0.09			
		Chlorine Dioxide	0.20	0.88			
92	Methanol Storage Tank	VOC	0.26	1.14			
F100/101	Effluent Treatment System (5)	VOC	46.75	122.51	14, 15		
102	Turpentine Loading	VOC	0.04	0.01			
103	Soap Loading	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
1LMF-FUG	No. 1 Precoat Filter Vent (5)	VOC	0.10	0.43			
1PFVPE-1	No. 1 Precoat Filter	VOC	0.16	0.66			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Vacuum Pump Exhaust						
3LMF-FUG	No. 3 Precoat Filter Vent (5)	VOC	0.11	0.45			
3PFVPE-1	No. 3 Precoat Filter Vacuum Pump Exhaust	VOC	0.16	0.66			
4LMF-FUG	No. 4 Precoat Filter Vent (5)	VOC	0.09	0.36			
4PFVPE-1	No. 4 Precoat Filter Vacuum Pump Exhaust	VOC	0.38	1.59			
4WLC-1	No. 4 White Liquor Clarifier	VOC	0.41	1.80			
4EWLFT-1	No. 4 Ecofilter Mudwasher	VOC	0.01	0.04			
5GLC-1	No. 5 Green Liquor Clarifier	VOC	1.20	4.76			
		TRS	<0.01	0.02			
5WLC-1	No. 5 White Liquor Clarifier	VOC	0.40	1.75			
6GLC-1	No. 6 Green Liquor	VOC	1.26	5.52			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Clarifier	TRS	<0.01	0.02			
6WLC-1	No. 6 White Liquor Clarifier	VOC	0.40	1.67			
7GLC-1	No. 7 Green Liquor Clarifier	VOC	2.87	12.06			
		TRS	0.01	0.05			
CP-FUG	Coating Plant (5)	VOC	26.67	115.56			
PM-FUG	Paper Machines (5)	VOC	73.48	250.95			
		NO _x	5.72	22.12			
		SO ₂	0.03	0.13			
		PM	0.43	1.68			
		PM ₁₀	0.43	1.68			
		CO	4.81	18.58			
SST2RB	Spill Tank (Small, Under No. 2 RB)	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
5WBLT	No. 2 Rec. No. 1 Wk. Blk	VOC	0.05	0.25			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Liquor ST Tank N	TRS	<0.01	<0.01			
6WBLT	No. 6 Weak Black Liquor Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
19-2039	No. 4 Evaporators Soap Separator Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
5RST	No. 5 Reclaim Tank WBL	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
40-2004	No. 4 Diffusion BSW Filtrate Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
40-2021	No. 4 Screen Dilution Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
19-2079	No. 2 Rec. Filtered Weak Black Liquor Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
1WBLT	Weak Black Liquor (HW) Tank (No. 1)	VOC	0.05	0.25			
		TRS	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
19-2082	No. 2 Recovery Light Soap Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
2WBLT	No. 2 Weak Liquor Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
19-2084	No.4 Recovery Soap Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
40-2100	No. 2 Foam Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
8WBLT	No. 8 Weak Black Liquor Storage	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
5AWBLT	No. 5 Weak Black Liquor Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
7WBLT	No. 7 Weak Black Liquor Storage Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
9WBLT	No. 9 Weak Black Liquor	VOC	0.05	0.25			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Storage Tank	TRS	<0.01	<0.01			
50-2004	No. 5 FL Filtrate Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
50-2016	No. 5 Decker Filtrate Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
50-0463	No. 5 Vibrating Knotter	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
40-0163	No. 4 Vibrating Knotter	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
50-2021	No. 5 Screen Dilution Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
50-2066	No. 5 FL Unfilt. Weak Black Liquor Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
6HBLT	No. 6 55 Percent Black Liquor Storage Tank S	VOC	0.05	0.25			
		TRS	<0.01	<0.01			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
71-2003	No. 2 Rec. Soap Storage Tank Btwn. Heavy Liquor Tank	VOC	0.05	0.25			
		TRS	<0.01	<0.01			
LTKVNT	Liquor Tank Vent (FINs 19-2029, 19-2030, 19-2038, 26-2011, and 26-2012)	VOC	1.54	6.74			
		TRS	0.90	3.94			
		H ₂ S	0.24	1.05			
19-2080	No. 2 Recovery Concentrated Soap Tank	VOC	0.31	1.35			
		TRS	0.18	0.79			
		H ₂ S	0.05	0.21			
1HBLT	No. 1 Black Liquor Storage Tank	VOC	0.31	1.35			
		TRS	0.18	0.79			
		H ₂ S	0.05	0.21			
2RBDT	No. 2 Recovery Heavy Black Liquor Dump Storage Tank	VOC	0.31	1.35			
		TRS	0.18	0.79			
		H ₂ S	0.05	0.21			
2RBUT	No. 2 Recovery Heavy	VOC	0.31	1.35			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Black Liquor Use Tank	TRS	0.18	0.79			
		H ₂ S	0.05	0.21			
71-2002	No. 5 55 Percent Black Liquor Storage Tank N	VOC	0.31	1.35			
		TRS	0.18	0.79			
17-2230	Brownstock Storage For No. 1 PM	VOC	0.28	1.21			
		TRS	0.06	0.27			
		H ₂ S	<0.01	0.03			
FL4BFT	No. 4 FL Brownstock HD Storage Tank	VOC	0.29	1.21			
		TRS	0.06	0.27			
		H ₂ S	<0.01	0.03			
40-2016	No. 4 Decker Filtrate Tank	VOC	0.29	1.21			
		TRS	0.06	0.27			
		H ₂ S	<0.01	0.03			
40-2022	No. 4 Bleach Feed Tank	VOC	0.29	1.21			
		TRS	0.06	0.27			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		H ₂ S	<0.01	0.03			
50-2001	No. 5 FL HD Stock Tank	VOC	0.29	1.21			
		TRS	0.06	0.27			
		H ₂ S	<0.01	0.03			
50-2022	No. 5 FL Bleach Feed Tank	VOC	0.29	1.21			
		TRS	0.06	0.27			
		H ₂ S	<0.01	0.03			
No. 4-1 CZXR	No. 4-1 Causticizer Tank	VOC	0.14	0.55			
No. 4-2 CZXR	No. 4-2 Causticizer Tank	VOC	0.14	0.55			
No. 4-3 CZXR	No. 4-3 Causticizer Tank	VOC	0.14	0.55			
No. 7-1 CZXR	No. 7-1 Causticizer Tank	VOC	0.10	0.43			
No. 7-2 CZXR	No. 7-2 Causticizer Tank	VOC	0.10	0.43			
No. 7-3 CZXR	No. 7-3 Causticizer Tank	VOC	0.10	0.43			
RGLT	Raw Green Liquor Storage Tank	VOC	0.09	0.37			
		TRS	<0.01	0.02			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
GLST	Green Liquor Stabilization Tank	VOC	0.09	0.37			
		TRS	0.01	0.01			
24-2028	Dregs Thickener Feed Tank	VOC	0.004	0.02			
		TRS	<0.01	<0.01			
24-0372	Dreg Filter Vacuum Pump Exhaust	VOC	0.004	0.02			
		TRS	<0.01	<0.01			
24-2068	Dreg Storage	VOC	0.004	0.02			
		TRS	<0.01	<0.01			
24-2031	No. 1 White Liquor Storage Tank	VOC	0.41	1.72			
24-2029	No. 2 White Liquor Storage Tank	VOC	0.41	1.72			
24-2062	No. 3 White Liquor Storage Tank	VOC	0.45	1.81			
4EWLFT-1	No. 7 White Liquor (Ecofilter) Clarifier	VOC	1.03	4.33			
24-2016	No. 2 Weak Wash Tank	VOC	0.74	3.03			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
24-2027	No. 1 Weak Wash Tank	VOC	0.74	3.03			
24-2030	No. 1 White Liquor Clarifier	VOC	0.41	1.72			
24-2098	Weak Wash Standpipe	VOC	0.74	3.03			
24-2020	No. 1 Mud Storage Tank	VOC	<0.01	0.02			
24-2021	No. 2 Mud Washer	VOC	<0.01	0.02			
24-2024	No. 1 Mud Washer	VOC	<0.01	0.02			
24-2019	No. 2 Mud Storage Tank	VOC	<0.01	0.02			
24-2017	No. 3 Mud Washer	VOC	<0.01	0.02			
24-2022	No. 3 Mud Storage Tank	VOC	<0.01	0.02			
24-2047	No. 4 Lime Mud Washer	VOC	<0.01	0.02			
24-2050	No. 5 Mud Washer	VOC	0.01	0.04			
24-2094	No. 7 Kiln Lime Mud Dilution Tank	VOC	0.01	0.04			
24-2095	No. 7 Kiln Lime Mud Mix Tank	VOC	0.01	0.04			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
24-2097	No. 7 Lime Mud Storage Tank	VOC	0.01	0.04			
24-2026	Sewer Reclaim Tank	VOC	<0.01	0.01			
19-2104	No. 2 Recovery Salt Cake Mix Tank	VOC	0.01	0.05			
		TRS	0.16	0.70			
		H ₂ S	0.05	0.21			
19-2091	No. 3 Recovery Salt Cake Mix Tank	VOC	0.02	0.07			
		TRS	0.16	0.70			
		H ₂ S	0.05	0.21			
17-2047	No. 1 PM Prime Pine Row Stock Storage Tank	VOC	0.02	0.09			
18-2003	Standard Pine Tank	VOC	0.02	0.09			
17-2006	No. 1 PM Broke Tank	VOC	0.02	0.09			
34-2078	Hardwood Raw Stock Storage Tank No. 134	VOC	0.02	0.09			
34-2079	No. 2 PM North Broke Tank	VOC	0.02	0.09			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
54-2058	Bufloc 2121 Tank	Surfactant	<0.01	<0.01			
54-2049	Busperse 2049 Tank	VOC	0.0072	0.0314			
GEN1	Emergency Generator 385-hp Natural Gas Engine	VOC	0.41	0.18			
		NO _x	14.34	6.28			
		SO ₂	<0.01	<0.01			
		PM ₁₀	<0.01	<0.01			
		CO	1.11	0.49			
54-2101	S/W Raw Stock	VOC	0.02	0.09			
54-2102	H/W Raw Stock	VOC	0.02	0.09			
18-2004	PM Recycle Broke Tank	VOC	0.02	0.09			
40-2039	No. 5 HD, PM Broke Tank	VOC	0.02	0.09			
54-2111	Broke Chest	VOC	0.02	0.09			
40-2028	Bleached Hardwood – Jumbo Storage	VOC	0.02	0.09			
40-2034	Bleached Hardwood –	VOC	0.02	0.09			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	South Storage						
40-2035	Bleached Hardwood – North Storage	VOC	0.02	0.09			
40-2087	Bleached Pine – Southeast Storage	VOC	0.02	0.09			
40-2088	Bleached Pine – East Storage	VOC	0.02	0.09			
40-2089	Bleached Pine -West Storage	VOC	0.02	0.09			
40-2040	Reserve – Bleached Tower	VOC	0.02	0.09			
40-2061	Reserve – 151 Ton Stock Tank	VOC	0.02	0.09			
40-2070	No. 2 Filtrate Tank Reserve	VOC	0.02	0.09			
40-2071	No. 3 Filtrate Tank Reserve	VOC	0.02	0.09			
40-2079	Reserve – Bleached Tower	VOC	0.02	0.09			

Major NSR Summary Table

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
40-2084	Reserve – Bleached Tower	VOC	0.02	0.09			
40-2085	Reserve – Bleached Tower	VOC	0.02	0.09			
24-2043	Muriatic Acid Tank at No. 7 Kiln	HCl	0.01	<0.01			
24-2061	Recaust Muriatic Acid Tank	HCl	0.01	<0.01			
71-2422	Oil – Used Oil Storage Tank	VOC	2.00	0.01			
80-2883	Insolubilizer Storage Tank	VOC	0.10	<0.01			
80-2879	No. 1 Lubricant Storage Tank	VOC	2.00	<0.01			
80-2880	No. 2 Lubricant Storage Tank	VOC	2.00	<0.01			
71-2423	Oil – Lubricant Tank	VOC	2.00	0.01			
71-2424	Oil – Lubricant Tank	VOC	2.00	0.01			
71-2425	Oil –Hydraulic Tank	VOC	2.00	0.01			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
71-2108	Lubricating/Hydraulic Oil Reservoirs - Millwide	VOC	2.00	0.01			
17-2048	No. PM Rosin Tank East	VOC	0.60	0.08			
		TRS	0.06	0.01			
30-2976	Rosin Size Storage Tank	VOC	0.60	0.08			
		TRS	0.06	0.01			
30-2603	Chlorate Storage	Sodium Chlorate	1.30	1.89			
30-2606	Chlorate Storage	Sodium Chlorate	1.30	1.89			
40-2048	R-2 Chlorate Mix Tank Reserve	Sodium Chlorate	1.30	0.15			
71-2544	Actibrome Tank – Drinking Water	Sodium Bromide	6.30	0.08			
71-2545	Actibrome Tank – West Side	Sodium Bromide	6.30	0.08			
40-2041	Reserve – Bleach Tower	VOC	0.02	0.09			
17-2003	No. 1 PM Rosin Tank – West	VOC	0.60	0.08			
		TRS	0.06	0.01			

Major NSR Summary Table

Permit Numbers 20365 and PSDTX785M7					Issuance Date: March 19, 2019		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
24-2096	No. 7 Kiln Sulfamic Acid Mix Tank	Sulfamic Acid	0.04	<0.01			
17-2007	No. 1 Sulfuric Acid Storage Tank	H ₂ SO ₄	0.04	0.01			
21-2119	98 Percent Sulfuric Acid Storage Tank	H ₂ SO ₄	0.04	0.01			
30-2601	CLO ₂ Plant 98 Percent Sulfuric Acid Day Tank	H ₂ SO ₄	0.04	0.01			
40-2038	98 Percent Sulfuric Acid Bulk Tank	H ₂ SO ₄	0.04	0.01			
50-2043	No. 4/5 FL 98 Percent Sulfuric Acid Day Tank	H ₂ SO ₄	0.04	0.01			
40-2167	Turpentine Decanter Tank	VOC	0.02	0.10			
21-2031	No. 5 Cation Tank	H ₂ SO ₄	0.04	0.01			
21-2032	No. 4 Cation Tank	H ₂ SO ₄	0.04	0.01			
21-2033	No. 3 Cation Tank	H ₂ SO ₄	0.04	0.01			
21-2035	No. 1 Cation Tank	H ₂ SO ₄	0.04	0.01			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
86-2000	Actibrome Tank – Woodyard	Sodium Bromide	6.30	0.08			
86-4000	Actibrome Tank at ClO ₂ Plant	Sodium Bromide	6.30	0.08			
BY-FUG	Bark Yard (5)	PM	0.60	2.64			
		PM ₁₀	0.28	1.25			
WY-FUG	Woodyard (5)	PM	0.34	1.52			
		PM ₁₀	0.06	0.27			
17-2004	No. 1 PM Reserve Tank	VOC	0.15	0.01			
99-0634	No. 5 FL Formic Acid Tank	Formic Acid	2.00	0.02			
21-2024	Nalco Product	Polyquaternary Amine	0.50	0.95			
99-0474	Caustic Soap Tank	VOC	0.63	0.02			
99-0475	Caustic Soap Tank	VOC	0.63	0.02			
705-760-210	Liquid Fuel Storage Tank	VOC	<0.01	0.01			

Major NSR Summary Table

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			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
PB6-FUG	No. 6 Power Boiler Ash Silo Baghouse	PM ₁₀	0.28	1.23			
80-2940	Clay Slurry Tank	VOC	0.01	0.01			
PB2-FUG	No. 2 Power Boiler Ash Silo Stack	PM	0.03	0.13			
		PM ₁₀	0.03	0.13			
		PM _{2.5}	0.03	0.13			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3)
 - VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x - total oxides of nitrogen
 - SO₂ - sulfur dioxide
 - PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 - 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
 - CO - carbon monoxide
 - TRS - total reduced sulfur
 - H₂S - hydrogen sulfide
 - H₂SO₄ - sulfuric acid
 - HCl - hydrochloric acid
 - MSS - maintenance, startup, and shutdown
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Additional long-term SO₂, VOC, and TRS/H₂S authorized only when No. 2 Power Boiler is burning non-condensable gases.

- (7) During routine MSS activities only for a maximum of 10 hours per occurrence.
- (8) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit alteration issued on April 12, 2013.
- (9) Spent Caustic Tank (formerly EPN 40-2029) with 0.05 lb/hr and 0.02 tpy of VOC now vents to EPN 1 or EPN 50.
- (10) Hourly emissions are based on 12-hour averages.
- (11) Hourly emissions are based on 30-day rolling averages.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		71-2422	OP-REQ2	Oil-Used Storage Tank		20365	PSDTX785M7
		71-2423	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2424	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2425	OP-REQ2	Oil-Hydraulic Tank		20365	PSDTX785M7
<i>A</i>	<i>10</i>	<i>71-2542</i>	<i>OP-REQ2</i>	<i>West Sodium Hypochlorite Tank N</i>		<i>106.532/09/04/2000</i>	
		7K-DRIV	OP-UA2	No. 7 LK Drive		106.512/06/13/2001	
		7M-DRIV	OP-UA2	No. 7 Mud Storage		106.512/06/13/2001	
		80-2865	OP-REQ2	No. 1 Latex Storage Tank		20365	PSDTX785M7
		80-2867	OP-REQ2	No. 2 Latex Storage Tank		20365	PSDTX785M7
		80-2869	OP-REQ2	No. 3 Latex Storage Tank		20365	PSDTX785M7
		80-2877	OP-REQ2	Defoamer Storage Tank		20365	PSDTX785M7
		80-2878	OP-REQ2	Dispersant Storage Tank		20365	PSDTX785M7

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Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		80-2881	OP-REQ2	Viscosity Modifier Storage Tank		20365	PSDTX785M7
		80-2926	OP-REQ2	Coating Color VST No. 1 Mixer		20365	PSDTX785M7
		80-2927	OP-REQ2	Coating Color VST No. 2 Mixer		20365	PSDTX785M7
		80-2928	OP-REQ2	Coating Color VST No. 3 Mixer		20365	PSDTX785M7
<i>A</i>	<i>20</i>	<i>80-2940</i>	<i>OP-REQ2</i>	<i>Clay Slurry Tank</i>		<i>20365, 106.261/11/01/2003[86620], 106.262/11/01/2003[86620], 106.472/09/04/2000[86620]</i>	<i>PSDTX785M7</i>
		99-0472	OP-REQ2	No. 1 PM Defoamer Storage Tank		20365	PSDTX785M7
		99-0612	OP-REQ2	Drewfax 342 Polytank		20365	PSDTX785M7
		99-0615	OP-REQ2	Drewfax 393 Polytank		20365	PSDTX785M7
		DF-PMP1	OP-UA2	Diesel Fire Pump 1		106.511/09/04/2000	
		DF-PMP2	OP-UA2	Diesel Fire Pump 2		106.511/09/04/2000	
		DIESELLOAD	OP-REQ2	Diesel Loading/ Unloading		20365	PSDTX785M7

Texas Commission on Environmental Quality

Title V Existing

1265

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVADALE MILL
County	JASPER
Latitude (N) (##.#####)	30.345
Longitude (W) (-###.#####)	94.064444
Primary SIC Code	2631
Secondary SIC Code	
Primary NAICS Code	322130
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102157609
What is the name of the Regulated Entity (RE)?	WESTROCK TEXAS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1913 FM 105
City	EVADALE
State	TX
ZIP	77615
County	JASPER
Latitude (N) (##.#####)	30.3422
Longitude (W) (-###.#####)	-100.0644
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601549496
Type of Customer	Corporation
Full legal name of the applicant:	

Legal Name	WestRock Texas, L.P.
Texas SOS Filing Number	12847611
Federal Tax ID	223693535
State Franchise Tax ID	12236935354
State Sales Tax ID	
Local Tax ID	
DUNS Number	123675469
Number of Employees	501+
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	WESTROCK TEXAS LP
Prefix	MR
First	JOHN
Middle	
Last	HAMILTON
Suffix	
Credentials	
Title	GENERAL MANAGER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 816
Routing (such as Mail Code, Dept., or Attn:)	
City	SILSBEE
State	TX
ZIP	77656
Phone (###-###-####)	4092763314
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	4092763410
E-mail	john.hamilton@smurfitwestrock.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

STEVEN BLACK(WESTROCK TEXAS ...)

WESTROCK TEXAS LP

MR

STEVEN

BLACK

ENVIRONMENTAL ENGINEER

Domestic

PO BOX 816

SILSBEE

TX

77656

4092763158

4092763410

steven.black@smurfitwestrock.com

Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

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

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

5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

SOP

30 Deg 20 Min 42 Sec

94 Deg 3 Min 52 Sec

Update

1265-37528

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name

OP-SUMR_Pg21-22_20250304.pdf

Hash

C441AFE1E992D5F3F53469E927057DDA21D163A02BF0BF6C706C2B30F5CEE9F1

MIME-Type

application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

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

Certification

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

1. I am John Hamilton, the owner of the STEERS account ER091128.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1265.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: John Hamilton OWNER OPERATOR

Account Number:	ER091128
Signature IP Address:	149.97.250.71
Signature Date:	2025-03-06
Signature Hash:	746F309F7DCC97EA9DBB772732B3585EC313ECD1A2EADB3AEF24DB65D4132987
Form Hash Code at time of Signature:	A43185914A46CA6D44D1882304EE4E196E858F4A205A9D1D7CD9B34843AFDA55

Submission

Reference Number:	The application reference number is 767544
Submitted by:	The application was submitted by ER091128/John Hamilton
Submitted Timestamp:	The application was submitted on 2025-03-06 at 07:18:16 CST
Submitted From:	The application was submitted from IP address 149.97.250.71
Confirmation Number:	The confirmation number is 637261
Steers Version:	The STEERS version is 6.88
Permit Number:	The permit number is 1265

Additional Information

Application Creator: This account was created by Steven W Black

From: Primavera Trevino
Sent: Wednesday, March 5, 2025 4:10 PM
To: Blaise Manak
Cc: Rhyan Stone; steven.black@smurfitwestrock.com
Subject: RE: Technical Review -- FOP O1265/Project 37528, WestRock Texas L.P./Evadale Mill

Good afternoon,

You will need to submit the revised pages through STEERS for certification. All application updates submitted via STEERS must also be sent to EPA Region 6 and the TCEQ regional office. Please let me know if you have any more questions.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Thank you,
Primavera Treviño
(512) 239-6209

From: Blaise Manak <blaise.manak@westrock.com>
Sent: Tuesday, March 4, 2025 5:19 PM
To: Primavera Trevino <Primavera.Trevino@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; Steven Black <steven.black@smurfitwestrock.com>
Subject: Technical Review -- FOP O1265/Project 37528, WestRock Texas L.P./Evadale Mill

Good Afternoon Primavera,

Please see below responses to your questions as well as the document attached showing revisions that have been made to page 21 and 22 of Form OP-SUMR.

- On page 21 of Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-SUMR. On page 42 of the Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-REQ2.
[The tank should have been listed as OP-REQ2 in both places. Please see attached.](#)
- On page 22 of Form OP-SUMR, emission unit 80-2940 has a PBR version date that is incorrect.
[The date for PBR 106.472 was corrected to 09/04/2000. Please see attached.](#)
- On Form OP-UA6 page 7, emission unit 21-2069 includes Index Nos. 60Db-01A and 60Db-01B. Index No. 60Db-01A has three fuels including WD, NG, and NSNFF. Index No. 60Db-01B has the fuel type SNFF listed.
 - Are all fuels burning at the same time in Index No.60Db-01A and 60Db-01B? Alternately, is Index No. 60Db-01A for burning the three fuels at the same time and Index No. 60Db-01B burning SNFF by itself in a separate operating scenario?

The No. 6 power boiler can be fired simultaneously with a combination of bark/wood biomass (bark, wood chips, sawdust, wood residuals, rice hulls, wastewater treatment residuals); non-condensable gases, creosote-treated wood, and/or natural gas. Consistent with how this boiler was listed in the 2019 renewal application and per the instructions for UA-6, the fuels were listed on two different lines.

Regarding resubmission, if these revisions and explanation properly address your observations, would this email be considered a resubmission? If not, do we need to resubmit the revised pages 21 & 22 via STEERS as well as by email to R6AirPermitsTX.epa.gov? Thank you in advance for your help.

Thanks.

Blaise Manak

Environmental Engineer



Evadale, TX

Phone 409-276-3494 **Mobile** 409-658-3985

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From: Blaise Manak <blaise.manak@westrock.com>
Sent: Tuesday, March 4, 2025 5:19 PM
To: Primavera Trevino
Cc: Rhyan Stone; Steven Black
Subject: Technical Review -- FOP O1265/Project 37528, WestRock Texas L.P./Evadale Mill
Attachments: OP-SUMR_Pg21-22_20250304.pdf

Good Afternoon Primavera,

Please see below responses to your questions as well as the document attached showing revisions that have been made to page 21 and 22 of Form OP-SUMR.

- On page 21 of Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-SUMR. On page 42 of the Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-REQ2.
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[The date for PBR 106.472 was corrected to 09/04/2000. Please see attached.](#)
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Thanks.

Blaise Manak
Environmental Engineer



Evadale, TX
Phone 409-276-3494 Mobile 409-658-3985

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		71-2422	OP-REQ2	Oil-Used Storage Tank		20365	PSDTX785M7
		71-2423	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2424	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2425	OP-REQ2	Oil-Hydraulic Tank		20365	PSDTX785M7
<i>A</i>	<i>10</i>	<i>71-2542</i>	<i>OP-REQ2</i>	<i>West Sodium Hypochlorite Tank N</i>		<i>106.532/09/04/2000</i>	
		7K-DRIV	OP-UA2	No. 7 LK Drive		106.512/06/13/2001	
		7M-DRIV	OP-UA2	No. 7 Mud Storage		106.512/06/13/2001	
		80-2865	OP-REQ2	No. 1 Latex Storage Tank		20365	PSDTX785M7
		80-2867	OP-REQ2	No. 2 Latex Storage Tank		20365	PSDTX785M7
		80-2869	OP-REQ2	No. 3 Latex Storage Tank		20365	PSDTX785M7
		80-2877	OP-REQ2	Defoamer Storage Tank		20365	PSDTX785M7
		80-2878	OP-REQ2	Dispersant Storage Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		80-2881	OP-REQ2	Viscosity Modifier Storage Tank		20365	PSDTX785M7
		80-2926	OP-REQ2	Coating Color VST No. 1 Mixer		20365	PSDTX785M7
		80-2927	OP-REQ2	Coating Color VST No. 2 Mixer		20365	PSDTX785M7
		80-2928	OP-REQ2	Coating Color VST No. 3 Mixer		20365	PSDTX785M7
<i>A</i>	<i>20</i>	<i>80-2940</i>	<i>OP-REQ2</i>	<i>Clay Slurry Tank</i>		<i>20365, 106.261/11/01/2003[86620], 106.262/11/01/2003[86620], 106.472/09/04/2000[86620]</i>	<i>PSDTX785M7</i>
		99-0472	OP-REQ2	No. 1 PM Defoamer Storage Tank		20365	PSDTX785M7
		99-0612	OP-REQ2	Drewfax 342 Polytank		20365	PSDTX785M7
		99-0615	OP-REQ2	Drewfax 393 Polytank		20365	PSDTX785M7
		DF-PMP1	OP-UA2	Diesel Fire Pump 1		106.511/09/04/2000	
		DF-PMP2	OP-UA2	Diesel Fire Pump 2		106.511/09/04/2000	
		DIESELLOAD	OP-REQ2	Diesel Loading/ Unloading		20365	PSDTX785M7

From: Primavera Trevino
Sent: Monday, March 3, 2025 1:05 PM
To: steven.black@smurfitwestrock.com
Cc: Rhyan Stone
Subject: Technical Review -- FOP O1265/Project 37528, WestRock Texas L.P./Evadale Mill

Good afternoon,

I have completed my technical review for the SOP Renewal application. There are a few items that need clarification.

- On page 21 of Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-SUMR. On page 42 of the Form OP-SUMR, emission unit 71-2542 has the Applicable form stated as OP-REQ2.
- On page 22 of Form OP-SUMR, emission unit 80-2940 has a PBR version date that is incorrect.
- On Form OP-UA6 page 7, emission unit 21-2069 includes Index Nos. 60Db-01A and 60Db-01B. Index No. 60Db-01A has three fuels including WD, NG, and NSNFF. Index No. 60Db-01B has the fuel type SNFF listed.
 - Are all fuels burning at the same time in Index No. 60Db-01A and 60Db-01B? Alternately, is Index No. 60Db-01A for burning the three fuels at the same time and Index No. 60Db-01B burning SNFF by itself in a separate operating scenario?

Please confirm and resubmit page 21 of the Form OP-SUMR for revisions on emission unit 71-2542 including the correct Applicable form. If page 42 of the OP-SUMR needs to be revised, please resubmit this page as well.

Page 22 of Form OP-SUMR will need to be revised and resubmitted with the correct PBR version date.

Please respond to the questions regarding Form OP-UA6 (page 7) for the burning of fuel types in emission unit 21-2069 with Index Nos. 60Db-01A and 60Db-01B.

Please respond to this email by **03/10/2025** and contact me with any questions, thank you.

Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Primavera Trevino
Sent: Thursday, January 16, 2025 1:55 PM
To: steven.black@smurfitwestrock.com
Subject: Technical Review -- FOP O1265/Project 37528, WestRock Texas L.P./Evadale Mill

Mr. Black,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1265 for WestRock Texas L.P., Evadale Mill. This application has been assigned Project No. 37528. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

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

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Application updates may 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.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you,
Primavera Treviño

Environmental Permit Specialist

Operating Permits Section

Office of Air – Air Permits Division

Primavera.Trevino@tceq.texas.gov

Phone: (512) 239-6209



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Steven Piper

From: eNotice TCEQ
Sent: Thursday, January 2, 2025 5:43 PM
To: Robert.nichols@senate.texas.gov; Dade.phelan@house.texas.gov
Subject: TCEQ Notice - Permit Number O1265
Attachments: TCEQ Notice - O1265_37528.pdf

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

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

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

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 2, 2025

THE HONORABLE ROBERT NICHOLS
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37528
Permit Number: O1265
WestRock Texas, LP
Evadale Mill
Evadale, Jasper County
Regulated Entity Number: RN102157609
Customer Reference Number: CN601549496

Dear Senator Nichols:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.064444,30.345&level=13>.

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

The Honorable Robert Nichols
Page 2
January 2, 2025

Re: Accepted Federal Operating Permit Renewal Application

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

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 2, 2025

THE HONORABLE DADE PHELAN
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37528
Permit Number: O1265
WestRock Texas, LP
Evadale Mill
Evadale, Jasper County
Regulated Entity Number: RN102157609
Customer Reference Number: CN601549496

Dear Representative Phelan:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.064444,30.345&level=13>.

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Texas Commission on Environmental Quality

Title V Existing

1265

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	EVADALE MILL
County	JASPER
Latitude (N) (##.#####)	30.345
Longitude (W) (-###.#####)	94.064444
Primary SIC Code	2631
Secondary SIC Code	
Primary NAICS Code	322130
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN102157609
What is the name of the Regulated Entity (RE)?	WESTROCK TEXAS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1913 FM 105
City	EVADALE
State	TX
ZIP	77615
County	JASPER
Latitude (N) (##.#####)	30.3422
Longitude (W) (-###.#####)	-100.0644
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601549496
Type of Customer	Corporation
Full legal name of the applicant:	

Legal Name	WestRock Texas, L.P.
Texas SOS Filing Number	12847611
Federal Tax ID	223693535
State Franchise Tax ID	12236935354
State Sales Tax ID	
Local Tax ID	
DUNS Number	123675469
Number of Employees	501+
Independently Owned and Operated?	

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	WESTROCK TEXAS LP
Prefix	MR
First	JOHN
Middle	
Last	HAMILTON
Suffix	
Credentials	
Title	GENERAL MANAGER

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 816
Routing (such as Mail Code, Dept., or Attn:)	
City	SILSBEE
State	TX
ZIP	77656
Phone (###-###-####)	4092763314
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	4092763410
E-mail	john.hamilton@westrock.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

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

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

City

State

ZIP

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

Extension

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

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

E-mail

STEVEN BLACK(WESTROCK TEXAS ...)

WESTROCK TEXAS LP

MR

STEVEN

BLACK

ENVIRONMENTAL ENGINEER

Domestic

PO BOX 816

SILSBEE

TX

77656

4092763158

4092763410

Steven.Black@westrock.com

Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

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

4.1. What type of permitting action are you applying for?

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?

4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?

SOP

30 Deg 20 Min 42 Sec

94 Deg 3 Min 52 Sec

New Application

Renewal

No

No

5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

Attach OP-ACPS (Application Compliance Plan and Schedule)

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

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

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

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

[WestRock_Evadale_SOP_Renewal_CompletePDF.pdf](/ePermitsExternal/faces/file?fileId=231019)

Hash

D2685FB84FF004D939F52834DDE404CA611B97A4B535EDE504AD834D62E19861

MIME-Type

application/pdf

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

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?

No

Certification

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

1. I am John Hamilton, the owner of the STEERS account ER091128.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1265.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: John Hamilton OWNER OPERATOR

Account Number: ER091128

Signature IP Address: 208.56.27.5

Signature Date: 2024-12-30

Signature Hash: 746F309F7DCC97EA9DBB772732B3585EC313ECD1A2EADB3AEF24DB65D4132987

Form Hash Code at time of Signature: ABB171EDB31095A2DF5CA9CCCC671E8449AD257EC02A2809FDD76237467A13A6

Submission

Reference Number: The application reference number is 728883

Submitted by: The application was submitted by ER091128/John Hamilton

Submitted Timestamp:

The application was submitted on 2024-12-30 at 14:28:46 CST

Submitted From:

The application was submitted from IP address 208.56.27.5

Confirmation Number:

The confirmation number is 614132

Steers Version:

The STEERS version is 6.84

Permit Number:

The permit number is 1265

Additional Information

Application Creator: This account was created by Stephanie Carcieri

WestRock Texas, L.P. Evadale Mill

Title V Permit Renewal Application
Permit No. O1265

WestRock Texas, L.P.

December 20, 2024

Prepared for:

WestRock Texas, L.P.
1913 FM 105
Evadale, TX 77615

Prepared by:

AECOM
250 Apollo Drive
Chelmsford, MA 01824
aecom.com

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Table of Contents

1.	Introduction
2.	Identifying and Administrative Information
	OP-1
	OP-2
	OP-ACPS
	OP-PBRSUP
	OP-SUMR
3.	Responsible Official Certification
	OP-CRO1
4.	Area Map
5.	Plot Plan
6.	Process Description
	Woodyard Operations
	Pulping Operations
	Wood Pulping Process
	Washing and Screening Process
	Bleaching Operations
	Chlorine Dioxide Generation Process
	Chemical Recovery Operations
	Evaporator Area
	Recovery Boiler
	Caustic Plant Operations
	Papermaking Operations
	Power Operations
	Wastewater Treatment Process
7.	Process Flow Diagrams
8.	Unit Attribute Information
	OP-UA2
	OP-UA3
	OP-UA6
	OP-UA15
	OP-UA30
	OP-UA35
	OP-UA44
	OP-UA61
9.	Applicable Requirements Information
	OP-REQ1
	OP-REQ2
	OP-REQ3
10.	Additional Monitoring Requirements
	Compliance Assurance Monitoring
	Periodic Monitoring
	Appendix A TCEQ and EPA Applicability Determinations
	Appendix B Alternate Monitoring Request Approval Letters

1. Introduction

WestRock Texas, L.P. (WestRock) owns and operates a pulp and paper mill in Jasper County, Texas, referred to as the Evadale Mill (the Mill). The activities at the Evadale Mill include paperboard production (Standard Industrial Classification [SIC] code 2631). Primary operations at the mill include woodyard operations, multiple fuel-fired boilers, chemical recovery operations, caustic plant operations, wood pulping operations, pulp bleaching operations, papermaking, and additional operations and equipment necessary to support these activities.

Title V of the 1990 Federal Clean Air Act (CAA) Amendments mandated a permitting program requiring all major sources to obtain an operating permit in order to clearly define all applicable federal air quality requirements. The federal regulations implementing Title V of the 1990 CAA Amendments are codified in 40 CFR Part 70. The Part 70 regulations set out the requirements that state agencies must follow to implement the Title V operating permit program. Each state was required to develop a plan and to submit the plan to the U.S. EPA for approval. The Texas Commission on Environmental Quality (TCEQ) developed such a program and received full program approval on November 30, 2001. The Texas regulations, developed by the TCEQ, are contained in Title 30 Texas Administrative Code (TAC) Chapter 122.

WestRock is required by 30 TAC Chapter 122 to submit an application for the renewal of the Site Operating Permit (SOP) issued for the Evadale Mill no later than six months before the SOP expiration date. SOP No. O1265 was last renewed on July 23, 2020; therefore, an administratively complete renewal application is due to the TCEQ no later than January 23, 2025. This document constitutes the required renewal application for SOP No. O1265 and contains all required forms, supporting information, and certification by a signed Form OP-CRO1.

The TCEQ Site Operating Permit Renewal Application Guidance document advises renewal applicants to complete the most current version of the Form OP-REQ1 through OP-REQ3 and applicable unit attribute forms that are new or have undergone changes since the last submittal. Current versions of the Form OP-REQ1 through OP-REQ3 and all necessary unit attribute forms are included with this submittal.

In the previous renewal, units subject to 40 CFR 63, Subpart DDDDD (National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters) were also included on the OP-UA1. However, since that last renewal, a flowchart for this regulation has been developed and the applicable units' attributes are now included on the OP-UA6.

Form OP-REQ1 is included with this renewal to make updates to the preconstruction authorization tables located on pages 88 through 90 of the Form OP-REQ1. Updates to the authorizations included adding Permit by Rule authorizations for units, and removing Permit By Rule authorizations that have been consolidated into the NSR permit and are no longer tied to a specific unit ID in O1265. As part of this renewal, form OP-PBRSUP has been included to provide supplemental information for all registered and claimed (not registered) PBRs that authorize emission units at the Mill.

Form OP-REQ3 has been completed to document the detailed citations associated with each unit at the Evadale Mill. Revision numbers are included on the Form OP-REQ3 where applicability to a rule has been added or revised. Due to updates made to certain unit attribute forms since the last renewal, some citations on the OP-REQ3 have been either removed (struck-through) or added (bolded and italicized), accordingly.

This renewal application includes a discussion on Compliance Assurance Monitoring (CAM) and Periodic Monitoring applicability as related to the emission units at the Evadale Mill. This information is included in **Section 10.0**.

WestRock understands that all applications for new SOPs, SOP renewals, and SOP significant revisions for a permitted area with major NSR permits must include this table. No amendments to NSR Permit No.

20365 / PSDTX785M7 have been made since the last renewal, and therefore an updated NSR Summary Table is not being included at this time.

Lastly, in accordance with the requirements of 30 TAC §122.132, WestRock would like to take this opportunity to identify and incorporate, as necessary, off-permit and operational notifications that have been submitted for SOP No. O1265 since the last renewal. **Table 1-1** below summarizes each authorization and associated notification. These changes are reflected in the associated unit attribute forms in **Section 8.0**, if applicable.

Table 1-1 Off-Permit Change and Operational Flexibility Notifications

Affected Unit ID Nos.	Description	TCEQ Project Number	Date of Submittal	TCEQ Acknowledgment Date
24-2018	Change of service from a white liquor storage tank to allow storage of a spent aqueous caustic solution	30592	6/18/2020	7/9/2020
40-2700	Installation of a new sulfuric acid tank for the Fiberline Area	33280	1/31/2022	2/22/2022

2. Identifying and Administrative Information

OP-1

OP-2

OP-ACPS

OP-PBRSUP

OP-SUMR

**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: WestRock Texas, L.P.
B. Customer Reference Number (CN): CN601549496
C. Submittal Date (mm/dd/yyyy): 12/20/2024
II. Site Information
A. Site Name: Evadale Mill
B. Regulated Entity Reference Number (RN): RN102157609
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 checked="" 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 checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other: PM2.5
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 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 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: John Hamilton
RO Title: General Manager
Employer Name: WestRock Texas, L.P.
Mailing Address: P.O. Box 816
City: Silsbee
State: TX
ZIP Code: 77656
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 409-276-3314
Fax No.: 409-276-3410
Email: john.hamilton@smurfitwestrock.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: Steven Black
Technical Contact Title: Environmental Engineer
Employer Name: WestRock Texas, L.P.
Mailing Address: P.O. Box 816
City: Silsbee
State: TX
ZIP Code: 77656
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 409-276-3158
Fax No.: 409-276-3410
Email: steven.black@smurfitwestrock.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Senator Robert Nichols
B. State Representative: Representative Dade Phelan
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" 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 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:
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: Evadale Mill
B. Physical Address: 1913 FM 105
City: Evadale
State: Texas
ZIP Code: 77615
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): 30° 20' 42"
H. Longitude (nearest second): 94° 3' 52"
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: 289
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 <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: Evadale High School Library
B. Physical Address: 908 FM 105
City: Evadale
ZIP Code: 77612
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: Steven Black
Contact Mailing Address: P.O. Box 816
City: Silsbee
State: Texas
ZIP Code: 77656
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (409) 276-3158

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

Date: 12/20/2024	
Permit No.: O1265	
Regulated Entity No.: RN102157609	
Company Name: WestRock Texas, L.P.	
For Submissions to EPA	
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
I. Application Type	
Indicate the type of application:	
<input checked="" type="checkbox"/> Renewal	
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)	
<input checked="" type="checkbox"/> Significant Revision	
<input type="checkbox"/> Revision Requesting Prior Approval	
<input type="checkbox"/> Administrative Revision	
<input type="checkbox"/> Response to Reopening	
II. Qualification Statement	
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO	

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

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box/es/.)						
<input checked="" type="checkbox"/> VOC	<input checked="" type="checkbox"/> NO _x	<input checked="" type="checkbox"/> SO ₂	<input checked="" type="checkbox"/> PM ₁₀	<input checked="" type="checkbox"/> CO	<input type="checkbox"/> Pb	<input checked="" type="checkbox"/> HAP
Other: PM2.5						
IV. Reference Only Requirements (For reference only)						
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	
V. Delinquent Fees and Penalties						
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.						

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

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

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	N/A	OP-UAs OP-REQ3	N/A	WestRock Texas, L.P. (WestRock) is requesting updates to unit sources whose UA forms have been updated since the last renewal. Please see the attached Form OP-REQ3 for more information. Additions have been bolded and italicized and deletions have been marked with a strikethrough.
2	ADMIN-E	NO	N/A	OP-PBRSUP	N/A	Please add Form OP-PBRSUP.
3	MS-A	NO	N/A	OP-REQ1	N/A	WestRock is requesting to update the Preconstruction Authorizations. Please see the attached Form OP-REQ1. Additions have been bolded and italicized and deletions have been marked with a strikethrough.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
4	MS-C	NO	24-2018	OP-SUMR	106.472/09/04/2000	WestRock submitted a Form OP-NOTIFY to TCEQ on 06/18/2020 to authorize under PBR 106.472 the change of service for Tank 24-2018 (EPN: 4WLC-1). WestRock is requesting to update the preconstruction authorizations. Additions have been bolded and italicized and deletions have been marked with a strikethrough.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
5	SIG-E	YES	40-2700	OP-SUMR OP-REQ2	106.472/09/04/2000	WestRock submitted a Form OP-NOTIFY to TCEQ on 01/31/2022 to authorize under PBR 106.472 the installation of a new sulfuric acid tank (FIN: 40-2700). Unit 40-2700 will be a new piece of equipment with no positive applicability. Negative applicability has been added to the Form OP-REQ2. WestRock is requesting to update the preconstruction authorizations. Please see the attached Form OP-SUMR.
6	SIG-A	NO	21-2069 21-2081 21-2105	OP-UA6 OP-REQ3	N/A	WestRock is requesting to change from high-level applicability to low-level applicability for 40 CFR 63, Subpart DDDDD for these boilers. Please see the attached Form OP-REQ3 for more information.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group		Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.		Applicable Form		
7	MS-A	NO	19-2027 19-2039 21-2069 21-2081 21-2105	24-2048 24-2049 GEN1 WW-PMP2	OP-SUMR	N/A	WestRock is requesting updates to the Preconstruction Authorizations for these existing units. Please see Form OP-SUMR for more details.
8	SIG-E	NO	17-2007 19-2025 19-2032 19-2033 30-2602 705760-210 71-2422 80-2865 80-2867 80-2869	E4-WASH E5-POLY FL-SCAL GRPDIG2 GRPTK01 GRPTK02 GRPTK03 GRPTK04 GRPTK05	OP-REQ2	N/A	WestRock is requesting to add negative applicability to NSPS Subpart Kc for these storage tanks.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
9	SIG-E	YES	E4-BIOC	OP-SUMR OP-REQ2	PBR No. 70534 106.472/09/04/2000	Please add this storage tank to the permit under group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.
10	SIG-E	YES	71-2542	OP-SUMR OP-REQ2	106.532/09/04/2000	Please add this storage tank to the permit under group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.
11	SIG-E	YES	SR73-CT SR77-CT SR82-CT SR83-CT	OP-SUMR OP-REQ2	106.371/09/04/2000	WestRock is requesting to add these cooling towers to the permit under group GRPCOOL. The cooling towers have negative applicability to 40 CFR Part 63, Subpart Q.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
12	SIG-E	YES	54-2674	OP-SUMR OP-REQ2	PBR No. 110853	PBR 106.472 (Project No. 74617) authorized No. 5 PM Sulfuric Acid Storage Tank. WestRock is requesting to add this storage tank to the permit under group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.
13	SIG-E	YES	21-2041	OP-SUMR OP-REQ2	106.532/09/04/2000	WestRock is requesting to add this storage tank to the permit under group GRPTK01, which includes negative applicability. Please see Form OP-SUMR for more details.
14	SIG-E	YES	44-2043	OP-SUMR OP-REQ2	106.472/09/04/2000	WestRock is requesting to add this storage tank to the permit under group GRPTK01, which includes negative applicability. Please see Form OP-SUMR for more details.

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

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
15	SIG-E	NO	24-2061	OP-SUMR OP-REQ2	20365, 106.474/09/04/2000, PSDTX785M7	WestRock is requesting to add this storage tank to the permit under group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.
16	SIG-E	YES	18-2032 44-2335 44-2337 44-2338 50-2044	OP-SUMR OP-REQ2	106.472/09/04/2000	WestRock is requesting to add these storage tank to the permit under group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.
17	SIG-E	NO	30-2601 40-2038	OP-SUMR OP-REQ2	20365, 106.472/09/04/2000, PSDTX785M7	WestRock is requesting to add these existing storage tanks to group GRPTK03, which includes negative applicability. Please see Form OP-SUMR for more details.

Date: 12/20/2024
Permit No.: O1265
Regulated Entity No.: RN102157609
Company Name: WestRock Texas, L.P.

Revision No.	Revision Code		Unit/Group	Process	NSR Authorization	Description of Change and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
18	SIG-E	NO	30-2603 30-2606	OP-SUMR OP-REQ2	20365, 106.472/09/04/2000, PSDTX785M7	WestRock is requesting to add these storage tanks to the permit. Please add negative applicability as shown as in the Form OP-REQ2.
19	SIG-E	YES	40-2405 50-2405	OP-SUMR OP-REQ2	PBR No. 49029	WestRock is requesting to add these storage tanks to the permit under group GRPTK03. Please add negative applicability as shown as in the Form OP-REQ2.
20	SIG-E	NO	80-2940	OP-SUMR OP-REQ2	20365, PBR No. 86620, PSDTX785M7	WestRock is requesting to add this storage tank to the permit under group GRPTK01. Please add negative applicability as shown as in the Form OP-REQ2.

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

Date: 12/20/2024	
Permit No.: O1265	
Regulated Entity No.: RN102157609	
Company Name: WestRock Texas, L.P.	
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>	
A. Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Indicate the alternate language(s) in which public notice is required:	
C. Will, there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.		Area Name: Evadale Mill

- 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 checked="" 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 checked="" 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><small>* 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.</small></p> <p><i>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.</i></p>	

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
12/20/2024	O1265	RN102157609

Unit ID No.	Registration No.	PBR No.	Registration Date
21-2069	33941	SE 118	11/20/1996
21-2105	33941	SE 118	11/20/1996
N/A; Source not required to be listed on OP-SUMR	110886	SE 51, 106.118	04/04/1994
N/A; Source not required to be listed on OP-SUMR	110883	SE 7	08/10/1995
19-2027	110879	106.264	10/30/1997
N/A; Source not required to be listed on OP-SUMR	50800	106.452	05/14/2002
N/A; Source not required to be listed on OP-SUMR	50802	106.433	05/14/2002
N/A; Source not required to be listed on OP-SUMR	50799	106.452	02/22/2002
N/A; Source not required to be listed on OP-SUMR	50801	106.452	05/23/2002
N/A; Source not required to be listed on OP-SUMR	50803	106.433	05/23/2002
40-2405	49029	106.262	11/05/2001
50-2405	49029	106.262	11/05/2001
N/A; Source not required to be listed on OP-SUMR	70229	106.263	12/08/2003
N/A; Source not required to be listed on OP-SUMR	70297	106.261	12/09/2003
19-2039	86620	106.261, 106.262, 106.472	11/04/2008
80-2940	86620	106.261, 106.262, 106.472	11/04/2008
26	86620	106.261, 106.262, 106.472	11/04/2008
E4-BIOC	70534	106.261	1/15/2004
LMR-FUG	107378	106.261, 106.262	12/07/2012
54-2674	110853	106.472	03/30/2001

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date
40-2700	106.472	09/04/2000
24-2018	106.472	09/04/2000
E5-POLY	106.472	09/04/2000
17-2007	106.472	09/04/2000
E4-BIOC	106.472	09/04/2000
E4-WASH	106.473	09/04/2000
FL-SCAL	106.473	09/04/2000
WW-PMP2	106.511	09/04/2000
71-2542	106.532	09/04/2000
44-2337	106.472	09/04/2000
44-2338	106.472	09/04/2000
44-2043	106.472	09/04/2000
24-2061	106.474	09/04/2000
44-2335	106.472	09/04/2000
11-2030	106.371	09/04/2000
30-2610	106.371	09/04/2000

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date
18-2032	106.472	09/04/2000
21-2041	106.532	09/04/2000
30-2606	106.472	09/04/2000
50-2044	106.472	09/04/2000
SR83-CT	106.371	09/04/2000
SR73-CT	106.371	09/04/2000
SR77-CT	106.371	09/04/2000
SR82-CT	106.371	09/04/2000
30-2603	106.472	09/04/2000
N/A; Source not required to be listed on OP-SUMR	106.472	09/04/2000
N/A; Source not required to be listed on OP-SUMR	106.317	09/04/2000
WW-PMP1	106.512	06/13/2001
WW-PMP2	106.512	06/13/2001
40-2038	106.472	09/04/2000
30-2601	106.472	09/04/2000

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date
21-2069	106.263	11/01/2001
21-2081	106.263	11/01/2001
21-2105	106.263	11/01/2001
GEN1	106.511	09/04/2000
54-2181	106.472	09/04/2000
54-2180	106.472	09/04/2000

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

Date	Permit Number	Regulated Entity Number
12/20/2024	O1265	RN102157609

PBR No.	Version No./Date
N/A	

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
21-2069	SE 118	33941	Track emissions on an annual basis to ensure new or increased emissions stay below 5 tons per year and monitor visible emissions to ensure opacity stays below 5%
21-2105	SE 118	33941	Track emissions on an annual basis to ensure new or increased emissions stay below 5 tons per year and monitor visible emissions to ensure opacity stays below 5%
N/A; Source not required to be listed on OP-SUMR	SE 51, 106.118	110886	Maintain records of type of liquid loaded/unloaded
N/A; Source not required to be listed on OP-SUMR	SE 7	110883	Maintain records of fuel purchases/usage, and maintain records of any fuel oil operating hours to ensure equipment does not fire fuel oil for more than 720 hours per year
19-2027	106.264	110879	Track emissions on an annual basis to ensure emissions are below 25 tons per year of any air contaminant
N/A; Source not required to be listed on OP-SUMR	106.452	50800	Maintain records that operation qualifies as enclosed abrasive cleaning
N/A; Source not required to be listed on OP-SUMR	106.433	50802	Maintain records of material safety data sheets, and quantities of coatings and solvent usage
N/A; Source not required to be listed on OP-SUMR	106.452	50799	Maintain records that operation qualifies as enclosed abrasive cleaning
N/A; Source not required to be listed on OP-SUMR	106.452	50801	Maintain records that operation qualifies as enclosed abrasive cleaning
N/A; Source not required to be listed on OP-SUMR	106.433	50803	Maintain records of material safety data sheets, and quantities of coatings and solvent usage

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
12/20/2024		O1265		RN102157609
Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement	
40-2405	106.262	49029	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period.	
50-2405	106.262	49029	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period.	
N/A; Source not required to be listed on OP-SUMR	106.263	70229	Track emissions on an annual basis	
N/A; Source not required to be listed on OP-SUMR	106.261	70297	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period.	
19-2039	106.261, 106.262, 106.472	86620	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period. Maintain records of type of liquid loaded/unloaded	
80-2940	106.261, 106.262, 106.472	86620	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period. Maintain records of type of liquid loaded/unloaded	
26	106.261, 106.262, 106.472	86620	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period. Maintain records of type of liquid loaded/unloaded	

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
E4-BIOC	106.261	70534	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period.
LMR-FUG	106.261, 106.262	107378	Maintain hourly and annual emission records of each chemical to demonstrate compliance with PBR limits. Monitor visible emissions to comply with 5.0% opacity in any six-minute period.
54-2674	106.472	110853	Maintain records of type of liquid loaded/unloaded
40-2700	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
24-2018	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
E5-POLY	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
17-2007	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
E4-BIOC	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
E4-WASH	106.473	09/04/2000	Maintain records of type of liquid loaded/unloaded
FL-SCAL	106.473	09/04/2000	Maintain records of type of liquid loaded/unloaded
WW-PMP2	106.511	09/04/2000	Maintain records of hours of operation to ensure equipment does not exceed 10% of the normal annual operating schedule of the primary equipment
71-2542	106.532	09/04/2000	Maintain PBR documentation of wastewater treatment operations
44-2337	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
44-2338	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
44-2043	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
24-2061	106.474	09/04/2000	Maintain PBR documentation of hydrochloric acid storage tank contents
44-2335	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
11-2030	106.371	09/04/2000	Maintain PBR documentation
30-2610	106.371	09/04/2000	Maintain PBR documentation
18-2032	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
21-2041	106.532	09/04/2000	Maintain PBR documentation of wastewater treatment operations
30-2606	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
50-2044	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
SR83-CT	106.371	09/04/2000	Maintain PBR documentation
SR73-CT	106.371	09/04/2000	Maintain PBR documentation
SR77-CT	106.371	09/04/2000	Maintain PBR documentation

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
12/20/2024	O1265	RN102157609

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
SR82-CT	106.371	09/04/2000	Maintain PBR documentation
30-2603	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
N/A; Source not required to be listed on OP-SUMR	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
N/A; Source not required to be listed on OP-SUMR	106.317	09/04/2000	No recordkeeping or monitoring is required
WW-PMP1	106.512	06/13/2001	Maintain records of engine maintenance per manufacturer's specifications
WW-PMP2	106.512	06/13/2001	Maintain records of engine maintenance per manufacturer's specifications
40-2038	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
30-2601	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
21-2069	106.263	11/01/2001	Track emissions on an annual basis
21-2081	106.263	11/01/2001	Track emissions on an annual basis
21-2105	106.263	11/01/2001	Track emissions on an annual basis
GEN1	106.511	09/04/2000	Maintain records of hours of operation to ensure equipment does not exceed 10% of the normal annual operating schedule of the primary equipment
54-2181	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded
54-2180	106.472	09/04/2000	Maintain records of type of liquid loaded/unloaded

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		1	OP-UA15	No. 2 Power Boiler Stack		20365	PSDTX785M7
		3	OP-UA15	No. 3 Recovery Unit North Stack		20365	PSDTX785M7
		4	OP-UA15	No. 3 Recovery Unit South Stack		20365	PSDTX785M7
		7	OP-UA15	No. 7 Lime Kiln ESP Stack		20365	PSDTX785M7
		13	OP-UA15	No. 4 Lime Slaker Stack		20365	PSDTX785M7
		26	OP-UA15	No. 4 Recovery Boiler Stack		20365, 106.261/11/01/2003[86620], 106.262/11/01/2003[86620], 106.472/09/04/2000[86620]	PSDTX785M7
		43	OP-UA15	No. 1 Lime Kiln Scrubber		20365	PSDTX785M7
		50	OP-UA15	No. 6 Power Boiler Stack		20365	PSDTX785M7
		51	OP-UA15	No. 5 Power Boiler Stack		20365	PSDTX785M7
		77	OP-REQ2	No. 4 Diffusion Washer Vent		20365	PSDTX785M7
		78	OP-REQ2	No. 5 Diffusion Washer Vent		20365	PSDTX785M7
		11-2030	OP-REQ2	North Cooling Tower		106.371/09/04/2000	

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/ Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
		17-2006	OP-REQ2	No. 1 PM Broke Tank		20365	PSDTX785M7
		17-2007	OP-REQ2	E2 Polymer Tank		106.472/09/04/2000	
		17-2047	OP-REQ2	No. 1 PM Prime Pine Raw Stock Storage Tank		20365	PSDTX785M7
		17-2048	OP-REQ2	No. 1 PM East Rosin Tank		20365	PSDTX785M7
		17-2230	OP-REQ2	No. 1 PM Brownstock Storage		20365	PSDTX785M7
		18-2003	OP-REQ2	Standard Pine Tank		20365	PSDTX785M7
		18-2004	OP-REQ2	PM Recycle Broke Tank		20365	PSDTX785M7
<i>A</i>	<i>16</i>	<i>18-2032</i>	<i>OP-REQ2</i>	<i>No. 4 PM DRS Tank</i>		<i>106.472/09/04/2000</i>	
		19-2011	OP-REQ2	No. 4 Recovery Ash Mix Tank		20365	PSDTX785M7
		19-2021	OP-UA15 / OP-UA30 / OP-REQ2	No. 4 Chemical Recovery Boiler		20365	PSDTX785M7
		19-2022	OP-UA30	No. 1 Finisher		20365	PSDTX785M7
		19-2023	OP-UA30	No. 2 Finisher		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		19-2025	OP-UA15 / OP-UA30 / OP-REQ2	No. 3 Smelt Dissolving Tank		20365	PSDTX785M7
		19-2026	OP-REQ2	No. 2 Recovery Boiler Small Spill Tank		20365	PSDTX785M7
	7	19-2027	OP-REQ2	No. 5 Weak Black Liquor Storage Tank		20365, <i>106.264/03/14/1997[110879]</i>	PSDTX785M7
		19-2028	OP-REQ2	No. 6 Weak Black Liquor Storage Tank		20365	PSDTX785M7
		19-2029	OP-REQ2	No. 4 63% Heavy Black Liquor Storage Tank		20365	PSDTX785M7
		19-2030	OP-REQ2	No. 2 65% Heavy Black Liquor Storage Tank		20365	PSDTX785M7
		19-2031	OP-REQ2	No. 4 Recovery Ash Hopper Black Liquor Sluice Tank		20365	PSDTX785M7
		19-2032	OP-UA15 / OP-UA30	No. 4 South Smelt Dissolving Tank		20365	PSDTX785M7
		19-2033	OP-UA15 / OP-UA30 / OP-REQ2	No. 4 North Smelt Dissolving Tank		20365	PSDTX785M7
		19-2038	OP-REQ2	No. 4 Heavy Black Liquor Storage Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
	7	19-2039	OP-REQ2	No. 4 Evaporators Soap Separator Tank		20365, 106.261/11/01/2003[86620], 106.262/11/01/2003[86620], 106.472/09/04/2000[86620]	PSDTX785M7
		19-2040	OP-REQ2	No. 5 Reclaim Spill Tank		20365, 106.472/09/04/2000	PSDTX785M7
		19-2041	OP-UA30	No. 4 Evaporator System		20365, 106.261/11/01/2003, 106.262/11/01/2003	PSDTX785M7
		19-2048	OP-UA30	No. 2 Concentrator		20365	PSDTX785M7
		19-2049	OP-UA30	No. 3 Concentrator		20365	PSDTX785M7
		19-2050	OP-REQ2	Combined Condensate Collection Tank		20365	PSDTX785M7
		19-2053	OP-UA30	No. 2 Evaporator System		20365	PSDTX785M7
		19-2062	OP-REQ2	No. 3 Evaporator System		20365, 106.261/11/01/2003, 106.262/11/01/2003	PSDTX785M7
		19-2069	OP-REQ2	No. 3 Evaporator Flash		20365	PSDTX785M7
		19-2071	OP-REQ2	No. 3 Pre-Evaporator System		20365	PSDTX785M7
		19-2074	OP-REQ2	No. 2 Pre-Evaporator System		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		19-2079	OP-REQ2	Filtered Weak Black Liquor Storage Tank		20365	PSDTX785M7
		19-2080	OP-REQ2	No. 2 Recovery Concentrated Soap Tank		20365	PSDTX785M7
		19-2081	OP-REQ2	No. 1 Weak Black Liquor Storage Tank		20365, 106.472/09/04/2000	PSDTX785M7
		19-2083	OP-REQ2	No. 2 Weak Black Liquor Storage Tank		20365, 106.472/09/04/2000	PSDTX785M7
		19-2084	OP-REQ2	No. 4 Recovery Soap Storage Tank		20365	PSDTX785M7
		19-2085	OP-REQ2	No. 1 55% Heavy Black Liquor Storage		20365	PSDTX785M7
		19-2088	OP-REQ2	No. 2 Recovery Boiler Dump Tank		20365	PSDTX785M7
		19-2089	OP-REQ2	No. 2 Recovery Boiler Use Tank		20365	PSDTX785M7
		19-2091	OP-REQ2	No. 3 Recovery Boiler Use Tank		20365	PSDTX785M7
		19-2098	OP-UA6 / OP-UA15 / OP-UA30	No. 3 Chemical Recovery Boiler		20365	PSDTX785M7
		19-2107	OP-REQ2	No. 3 Sdt Scrubber Tank		20365	PSDTX785M7
		1K-DRIV	OP-UA2	No. 1 LK Drive		106.512/06/13/2001	
<i>A</i>	<i>13</i>	<i>21-2041</i>	<i>OP-REQ2</i>	<i>No. 6 Cation Tank</i>		<i>106.532/09/04/2000</i>	

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
	7	21-2069	OP-UA1 / OP-UA6 / OP-UA15 / OP-UA35	No. 6 Power Boiler		20365, 118/06/07/1996[33941] , 106.263/11/01/2001, 106.472/09/04/2000	PSDTX785M7
	7	21-2081	OP-UA1 / OP-UA6	No. 5 Power Boiler		20365, 106.263/11/01/2001, 106.472/09/04/2000	PSDTX785M7
	7	21-2105	OP-UA1 / OP-UA6 / OP-UA15 / OP-UA35	No. 2 Power Boiler		20365, 118/06/07/1996[33941] , 106.263/11/01/2001, 106.472/09/04/2000	PSDTX785M7
		24-2016	OP-REQ2	No. 2 Weak Wash Tank		20365	PSDTX785M7
		24-2017	OP-REQ2	No. 3 Mud Washer		20365	PSDTX785M7
	4	24-2018	OP-REQ2	No. 4 White Liquor Clarifier		20365, 106.472/09/04/2000	PSDTX785M7
		24-2019	OP-REQ2	No. 2 Mud Storage Tank		20365	PSDTX785M7
		24-2020	OP-REQ2	No. 1 Mud Storage Tank		20365	PSDTX785M7
		24-2022	OP-REQ2	No. 3 Mud Storage Tank		20365	PSDTX785M7
		24-2023	OP-REQ2	Green Liquor Stabilization Tank		20365	PSDTX785M7
		24-2024	OP-REQ2	No. 1 Mud Washer		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		24-2025	OP-REQ2	Raw Green Liquor Storage Tank		20365	PSDTX785M7
		24-2026	OP-REQ2	Recaust Waste Water Clarifier		20365	PSDTX785M7
		24-2027	OP-REQ2	No. 1 Weak Wash Tank		20365	PSDTX785M7
		24-2029	OP-REQ2	No. 2 White Liquor Storage Tank		20365	PSDTX785M7
		24-2031	OP-REQ2	No. 1 White Liquor Storage Tank		20365	PSDTX785M7
		24-2047	OP-REQ2	No. 4 Lime Mud Washer		20365	PSDTX785M7
	7	24-2048	OP-REQ2	No. 6 Green Liquor Clarifier		20365, 106.261/11/01/2003, 106.262/11/01/2003	PSDTX785M7
	7	24-2049	OP-REQ2	No. 5 White Liquor Clarifier		20365, 106.261/11/01/2003, 106.262/11/01/2003	PSDTX785M7
		24-2050	OP-REQ2	No. 5 Mud Washer		20365	PSDTX785M7
		24-2051	OP-REQ2	No. 4-3 Causticizer Tank		20365	PSDTX785M7
		24-2052	OP-REQ2	No. 4-2 Causticizer Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		24-2053	OP-REQ2	No. 4-1 Causticizer Tank		20365	PSDTX785M7
		24-2057	OP-REQ2	No. 4 Lime Slaker		20365	PSDTX785M7
		24-2059	OP-REQ2	No. 5 Green Liquor Clarifier		20365	PSDTX785M7
		24-2060	OP-REQ2	No. 6 White Liquor Clarifier		20365	PSDTX785M7
<i>A</i>	<i>15</i>	<i>24-2061</i>	<i>OP-REQ2</i>	<i>Recaust Muriatic Acid Tank</i>		<i>20365, 106.474/09/04/2000</i>	<i>PSDTX785M7</i>
		24-2062	OP-REQ2	No. 3 White Liquor Storage		20365	PSDTX785M7
		24-2065	OP-REQ2	No. 3 Mudwasher, No. 1 Mud Mix Tank		20365	PSDTX785M7
		24-2071	OP-REQ2	No. 7 Lime Slaker		20365	PSDTX785M7
		24-2073	OP-REQ2	No. 7 White Liquor Ecofilter		20365	PSDTX785M7
		24-2074	OP-REQ2	No. 7 Ecofilter Mudwasher		20365	PSDTX785M7
		24-2082	OP-UA15 / OP-UA30	No. 7 Lime Kiln		20365	PSDTX785M7
		24-2092	OP-REQ2	No. 7-3 Causticizer Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		24-2093	OP-REQ2	No. 7 Ecofilter Feed Tank		20365	PSDTX785M7
		24-2094	OP-REQ2	No. 7 Kiln Lime Mud Dilution Tank		20365	PSDTX785M7
		24-2095	OP-REQ2	No. 7 Kiln Lime Mud Mix Tank		20365	PSDTX785M7
		24-2097	OP-REQ2	No. 7 Lime Mud Storage Tank		20365	PSDTX785M7
		24-2098	OP-REQ2	Weak Wash Standpipe		20365	PSDTX785M7
		24-2105	OP-REQ2	No. 7 Green Liquor Clarifier		20365	PSDTX785M7
		24-2108	OP-REQ2	No. 7-2 Causticizer Tank		20365	PSDTX785M7
		24-2109	OP-REQ2	No. 7-1 Causticizer Tank		20365	PSDTX785M7
		24-2154	OP-UA15 / OP-UA30	No. 1 Lime Kiln		20365	PSDTX785M7
		26-2002	OP-UA30	No. 5 Concentrator System		20365	PSDTX785M7
		26-2011	OP-REQ2	No. 5 Concentrator, No. 2 Black Liquor Feed Tank		20365	PSDTX785M7
		26-2012	OP-REQ2	No. 5 Concentrator, No. 1 Black Liquor Feed Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
<i>A</i>	<i>17</i>	<i>30-2601</i>	<i>OP-REQ2</i>	<i>93% Sulfuric Acid Day Tank</i>		<i>20365, 106.472/09/04/2000</i>	<i>PSDTX785M7</i>
		30-2602	OP-UA3	Methanol Storage Tank		20365	PSDTX785M7
<i>A</i>	<i>18</i>	<i>30-2603</i>	<i>OP-REQ2</i>	<i>Sodium Chlorate Unloading Tank</i>		<i>20365, 106.472/09/04/2000</i>	<i>PSDTX785M7</i>
<i>A</i>	<i>18</i>	<i>30-2606</i>	<i>OP-REQ2</i>	<i>Sodium Chlorate Tank</i>		<i>20365, 106.472/09/04/2000</i>	<i>PSDTX785M7</i>
		30-2610	OP-REQ2	Cooling Tower at CLO2 Plant		106.371/09/04/2000	
		34-2078	OP-REQ2	No. 2 PM North Broke Tank		20365	PSDTX785M7
		34-2079	OP-REQ2	No. 3 Recovery Unit North Stack		20365	PSDTX785M7
		40-0105	OP-UA30	No. 4 FL Digester Steaming Vessel		20365	PSDTX785M7
		40-2001	OP-REQ2	Hardwood Brown Pulp Storage		20365	PSDTX785M7
		40-2002	OP-UA30	No. 4 Digester		20365	PSDTX785M7
		40-2003	OP-UA30	No. 4 FL Impregnation Vessel		20365	PSDTX785M7
		40-2004	OP-REQ2	No. 4 BSW Filtrate Tank		20365	PSDTX785M7
		40-2006	OP-UA30	No. 4 FL No. 1 Flash Condensate Tank		20365	PSDTX785M7
		40-2014	OP-UA30	No. 4 FL No. 2 Flash Condensate Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		40-2016	OP-REQ2	No. 4 Decker Filtrate Tank		20365	PSDTX785M7
		40-2020	OP-REQ2	No. 4 FL Knot Tank		20365	PSDTX785M7
		40-2022	OP-REQ2	No. 4 Bleach Feed Tank		20365	PSDTX785M7
		40-2023	OP-UA30	No. 4 FL No. 1 Flash Tank		20365	PSDTX785M7
		40-2024	OP-UA30	No. 4 FL No. 2 Flash Tank		20365	PSDTX785M7
		40-2025	OP-REQ2	No. 4 BP D1 Filtrate Tank		20365	PSDTX785M7
		40-2026	OP-REQ2	No. 4 BP EOP Filtrate Tank		20365	PSDTX785M7
		40-2028	OP-REQ2	Bleached Hardwood - Jumbo Storage		20365	PSDTX785M7
		40-2034	OP-REQ2	Bleached Hardwood - South Storage		20365	PSDTX785M7
		40-2035	OP-REQ2	Bleached Hardwood - North Storage		20365	PSDTX785M7
<i>A</i>	<i>17</i>	<i>40-2038</i>	<i>OP-REQ2</i>	<i>93% Sulfuric Acid Day Tank</i>		<i>20365, 106.472/09/04/2000</i>	<i>PSDTX785M7</i>
		40-2039	OP-REQ2	No. 5 HD, PM Broke Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		40-2061	OP-REQ2	Reserve - 151 Ton Stock Tank		20365	PSDTX785M7
		40-2087	OP-REQ2	Bleached Pine - Southeast Storage		20365	PSDTX785M7
		40-2088	OP-REQ2	Bleached Pine - East Storage		20365	PSDTX785M7
		40-2089	OP-REQ2	Bleached Pine - West Storage		20365	PSDTX785M7
		40-2100	OP-REQ2	No. 2 Foam Tank		20365	PSDTX785M7
		40-2101	OP-REQ2	No. 5A Weak Black Liquor Storage Tank		20365	PSDTX785M7
		40-2102	OP-REQ2	No. 7 Weak Black Liquor Storage Tank		20365	PSDTX785M7
		40-2103	OP-REQ2	No. 9 Weak Black Liquor Storage Tank		20365	PSDTX785M7
		40-2104	OP-REQ2	No. 8 Weak Black Liquor Storage Tank		20365	PSDTX785M7
		40-2166	OP-REQ2	Turpentine Storage Tank		20365	PSDTX785M7
		40-2167	OP-REQ2	Turpentine Decanter Tank		20365	PSDTX785M7
		40-2192	OP-UA30	No. 4 FL Chip Bin		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		40-2334	OP-REQ2	No. 4 PM Size Tank		106.472/09/04/2000	
		40-2335	OP-REQ2	No. 4 PM Retention Aid Tank		106.472/09/04/2000	
		40-2361	OP-UA30	No. 4 FL NCG System Chip Bin Separator Tank		20365	PSDTX785M7
		40-2362	OP-UA30	No. 4 FL Chip Bin Gas Condenser		20365	PSDTX785M7
		40-2377	OP-UA30	No. 4 FL NCG System Foul Consendate Tank		20365	PSDTX785M7
<i>A</i>	<i>19</i>	<i>40-2405</i>	<i>OP-REQ2</i>	<i>No. 4 Bleach Plant Hydrogen Peroxide Process Tank</i>		<i>106.262/09/04/2000[49029]</i>	
		40-2539	OP-REQ2	No. 4 FL South Defoamer Tank		20365	PSDTX785M7
<i>A</i>	<i>5</i>	<i>40-2700</i>	<i>OP-REQ2</i>	<i>No. 4 FL Sulfuric Acid Day Tank</i>		<i>106.472/09/04/2000</i>	
		44-2006	OP-REQ2	No. 4 PM Deculater		20365	PSDTX785M7
		44-2014	OP-REQ2	No. 4 PM Broke Storage Tank		20365	PSDTX785M7
		44-2016	OP-REQ2	No. 4 PM Saveall Feed Chest		20365	PSDTX785M7
		44-2017	OP-REQ2	No. 4 PM Pine Chest		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		44-2018	OP-REQ2	No. 4 PM Blend Chest		20365	PSDTX785M7
		44-2019	OP-REQ2	No. 4 PM Machine Chest		20365	PSDTX785M7
		44-2020	OP-REQ2	No. 4 PM Leveling Chest		20365	PSDTX785M7
		44-2021	OP-REQ2	No. 4 PM White Water Chest		20365	PSDTX785M7
		44-2022	OP-REQ2	No. 4 PM Primary Reject Chest		20365	PSDTX785M7
		44-2023	OP-REQ2	No. 4 PM Silo		20365	PSDTX785M7
		44-2024	OP-REQ2	No. 4 PM Couch Pit		20365	PSDTX785M7
		44-2025	OP-REQ2	No. 4 PM Hydrapulper Press Section		20365	PSDTX785M7
<i>A</i>	<i>14</i>	<i>44-2043</i>	<i>OP-REQ2</i>	<i>No. 4 PM No. 13 Condensate Tank</i>		<i>106.472/09/04/2000</i>	
		44-2065	OP-REQ2	No. 4 PM Hydrapulper Winder		20365	PSDTX785M7
		44-2080	OP-REQ2	No. 4 PM Hydrapulper Size Press		20365	PSDTX785M7
		44-2081	OP-REQ2	No. 4 PM Hydrapulper Dry End		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		44-2144	OP-REQ2	No. 4 PM Wire Pit		20365	PSDTX785M7
		44-2151	OP-REQ2	No. 4 PM AKD Tank		106.472/09/04/2000	
<i>A</i>	<i>16</i>	<i>44-2335</i>	<i>OP-REQ2</i>	<i>Retention Aid Polymer Tank</i>		<i>106.472/09/04/2000</i>	
<i>A</i>	<i>16</i>	<i>44-2337</i>	<i>OP-REQ2</i>	<i>No. 4 PM AKD Tank South</i>		<i>106.472/09/04/2000</i>	
<i>A</i>	<i>16</i>	<i>44-2338</i>	<i>OP-REQ2</i>	<i>No. 4 PM AKD Tank North</i>		<i>106.472/09/04/2000</i>	
		50-0405	OP-UA30	No. 5 FL Digester Steaming Vessel		20365	PSDTX785M7
		50-2001	OP-REQ2	No. 5 FL HD Stock Tank		20365	PSDTX785M7
		50-2002	OP-UA30	No. 5 Digester		20365	PSDTX785M7
		50-2003	OP-UA30	No. 5 FL Impregnation Vessel		20365	PSDTX785M7
		50-2004	OP-REQ2	No. 5 BSW Filtrate Tank		20365	PSDTX785M7
		50-2006	OP-UA30	No. 5 FL No. 1 Flash Condensate Tank		20365	PSDTX785M7
		50-2014	OP-UA30	No. 5 FL No. 2 Flash Condensate Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		50-2016	OP-REQ2	No. 5 FL Decker Filtrate Tank		20365	PSDTX785M7
		50-2020	OP-REQ2	No. 5 Knot Tank		20365	PSDTX785M7
		50-2021	OP-REQ2	No. 5 FL Screen Dilution Tank		20365	PSDTX785M7
		50-2022	OP-REQ2	No. 5 FL Bleach Feed Tank		20365	PSDTX785M7
		50-2023	OP-UA30	No. 5 FL No. 1 Flash Tank		20365	PSDTX785M7
		50-2024	OP-UA30	No. 5 FL No. 2 Flash Tank		20365	PSDTX785M7
		50-2025	OP-REQ2	No. 5 BP D1 Filtrate Tank		20365	PSDTX785M7
		50-2026	OP-REQ2	No. 5 BP EOP Bleach Filtrate Tank		106.472/09/04/2000	
		50-2032	OP-REQ2	No. 5 BP P Filtrate Tank		20365	PSDTX785M7
<i>A</i>	<i>16</i>	<i>50-2044</i>	<i>OP-REQ2</i>	<i>FL5 Magnesium Sulfate Tank</i>		<i>106.472/09/04/2000</i>	
		50-2045	OP-REQ2	Versene (R) 80 (DTPA)		20365	PSDTX785M7
		50-2048	OP-REQ2	No. 5 Retention Aid Tank		106.472/09/04/2000	
		50-2053	OP-REQ2	No. 5 Brown Stock Washer		20365	PSDTX785M7
		50-2055	OP-UA30	No. 5 FL Entrainment Separator		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		50-2056	OP-UA30	No. 5 FL Primary Turpentine Condenser		20365	PSDTX785M7
		50-2057	OP-UA30	No. 5 FL Secondary Turpentine Condenser		20365	PSDTX785M7
		50-2058	OP-UA30	No. 5 FL NCG Turpentine Gas Cooler		20365	PSDTX785M7
		50-2059	OP-UA30	No. 5 FL NCG System Foul Condensate Tank		20365	PSDTX785M7
		50-2060	OP-UA30	No. 5 FL Chip Bin NCG Scrubber		20365	PSDTX785M7
		50-2061	OP-UA30	No. 5 FL Chip Bin Gas Cooler		20365	PSDTX785M7
		50-2065	OP-REQ2	No. 5 FL North Defoamer Tank		20365	PSDTX785M7
		50-2066	OP-REQ2	No. 5 FL Unfiltered Weak Black Liquor Tank		20365, 106.472/09/04/2000	PSDTX785M7
		50-2192	OP-UA30	No. 5 FL Chip Bin		20365	PSDTX785M7
<i>A</i>	<i>19</i>	<i>50-2405</i>	<i>OP-REQ2</i>	<i>No. 5 Bleach Plant Hydrogen Peroxide Process Tank</i>		<i>106.262/09/04/2000[49029]</i>	
		54-2101	OP-REQ2	No. 5 S/W Raw Stack		20365	PSDTX785M7
		54-2102	OP-REQ2	No. 6 S/W Raw Stack		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		54-2103	OP-REQ2	No. 5 PM Blend Chest		20365	PSDTX785M7
		54-2107	OP-REQ2	No. 5 PM Saveall Recovered Stock Chest		20365	PSDTX785M7
		54-2108	OP-REQ2	No. 5 PM Cloudy Whitewater Chest		20365	PSDTX785M7
		54-2109	OP-REQ2	No. 5 PM Clear Whitewater Chest		20365	PSDTX785M7
		54-2110	OP-REQ2	No. 5 PM Clarified Whitewater Chest		20365	PSDTX785M7
		54-2111	OP-REQ2	No. 5 PM Broke Chest		20365	PSDTX785M7
		54-2113	OP-REQ2	No. 5 PM Machine Chest		20365	PSDTX785M7
		54-2122	OP-REQ2	No. 5 PM Cleaner Screen & Reject Dilution Chest		20365	PSDTX785M7
		54-2180	OP-REQ2	No. 5 PM South Akd Tank		106.472/09/04/2000	
		54-2181	OP-REQ2	No. 5 PM North Akd Tank		106.472/09/04/2000	
		54-2234	OP-REQ2	No. 5 PM Machine Silo		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		54-2236	OP-REQ2	No. 5 PM Machine Whitewater Chest/ Couch Pit		20365	PSDTX785M7
		54-2237	OP-REQ2	No. 5 PM Seal Pit		20365	PSDTX785M7
		54-2238	OP-REQ2	No. 5 PM Couch Pit		20365	PSDTX785M7
		54-2285	OP-REQ2	No. 5 PM Press Pit Pulper		20365	PSDTX785M7
		54-2323	OP-REQ2	No. 5 PM Size Press Pulper		20365	PSDTX785M7
		54-2343	OP-REQ2	No. 5 PM West Stack Pulper		20365	PSDTX785M7
		54-2355	OP-REQ2	No. 5 PM West Cooling Tower		106.371/09/04/2000	
		54-2360	OP-REQ2	No. 5 PM No. 1 Reel Pulper		20365	PSDTX785M7
		54-2441	OP-REQ2	No. 5 PM Winder Pulper		20365	PSDTX785M7
		54-2472	OP-REQ2	No. 5 PM No. 2 Reel Pulper		20365	PSDTX785M7
		54-2527	OP-REQ2	No. 5 PM Ricehull Pit		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		54-2528	OP-REQ2	No. 5 PM Wet End Effluent Sump		20365	PSDTX785M7
<i>A</i>	<i>12</i>	<i>54-2674</i>	<i>OP-REQ2</i>	<i>No. 5 PM Sulfuric Acid Storage Tank</i>		<i>106.472/09/04/2000/110853/</i>	
		5B	OP-UA15	No. 3 Smelt Dissolving Tank		20365	PSDTX785M7
		705760-210	OP-REQ2	Liquid Fuel Storage Tank (24-2321)		20365	PSDTX785M7
		71-2001	OP-REQ2	No. 6 55% Heavy Black Liquor Storage Tank		20365	PSDTX785M7
		71-2002	OP-REQ2	No. 5 55% Heavy Black Liquor Storage Tank		20365	PSDTX785M7
		71-2003	OP-REQ2	No. 2 Recovery Soap Storage Tank		20365	PSDTX785M7
		71-2098	OP-REQ2	Waste Treatment Clarifier		20365	PSDTX785M7
		71-2099	OP-REQ2	Waste Thickener Clarifier		20365	PSDTX785M7
		71-2113	OP-REQ2	Filter Plant Backwash Tank		20365	PSDTX785M7
		71-2374-AST	OP-REQ2	Diesel Storage Tank		20365	PSDTX785M7
		71-2375-AST	OP-REQ2	Gasoline Storage Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		71-2422	OP-REQ2	Oil-Used Storage Tank		20365	PSDTX785M7
		71-2423	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2424	OP-REQ2	Oil-Lubricating Tank		20365	PSDTX785M7
		71-2425	OP-REQ2	Oil-Hydraulic Tank		20365	PSDTX785M7
<i>A</i>	<i>10</i>	<i>71-2542</i>	<i>OP-SUMR</i>	<i>West Sodium Hypochlorite Tank N</i>		<i>106.532/09/04/2000</i>	
		7K-DRIV	OP-UA2	No. 7 LK Drive		106.512/06/13/2001	
		7M-DRIV	OP-UA2	No. 7 Mud Storage		106.512/06/13/2001	
		80-2865	OP-REQ2	No. 1 Latex Storage Tank		20365	PSDTX785M7
		80-2867	OP-REQ2	No. 2 Latex Storage Tank		20365	PSDTX785M7
		80-2869	OP-REQ2	No. 3 Latex Storage Tank		20365	PSDTX785M7
		80-2877	OP-REQ2	Defoamer Storage Tank		20365	PSDTX785M7
		80-2878	OP-REQ2	Dispersant Storage Tank		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		80-2881	OP-REQ2	Viscosity Modifier Storage Tank		20365	PSDTX785M7
		80-2926	OP-REQ2	Coating Color VST No. 1 Mixer		20365	PSDTX785M7
		80-2927	OP-REQ2	Coating Color VST No. 2 Mixer		20365	PSDTX785M7
		80-2928	OP-REQ2	Coating Color VST No. 3 Mixer		20365	PSDTX785M7
<i>A</i>	<i>20</i>	<i>80-2940</i>	<i>OP-REQ2</i>	<i>Clay Slurry Tank</i>		<i>20365, 106.261/11/01/2003[86620], 106.262/11/01/2003[86620], 106.472/11/01/2003[86620]</i>	<i>PSDTX785M7</i>
		99-0472	OP-REQ2	No. 1 PM Defoamer Storage Tank		20365	PSDTX785M7
		99-0612	OP-REQ2	Drewfax 342 Polytank		20365	PSDTX785M7
		99-0615	OP-REQ2	Drewfax 393 Polytank		20365	PSDTX785M7
		DF-PMP1	OP-UA2	Diesel Fire Pump 1		106.511/09/04/2000	
		DF-PMP2	OP-UA2	Diesel Fire Pump 2		106.511/09/04/2000	
		DIESELLOAD	OP-REQ2	Diesel Loading/ Unloading		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
<i>A</i>	<i>9</i>	<i>E4-BIOC</i>	<i>OP-REQ2</i>	<i>E4 Biocide Tank</i>		<i>106.261/11/01/2003[70534], 106.472/09/04/2000</i>	
		E4-WASH	OP-REQ2	E4 Felt Wash		106.473/09/04/2000	
		E5-POLY	OP-REQ2	E5 Polymer Tank		106.472/09/04/2000	
		FL-SCAL	OP-REQ2	FL Scale Inhibitor		106.473/09/04/2000	
		GASLOAD	OP-REQ2	Gasoline Loading/ Unloading		20365	PSDTX785M7
	<i>7</i>	GEN1	OP-UA2	Emergency Generator		20365, <i>106.511/09/04/2000</i>	PSDTX785M7
		LF-FUG	OP-UA44	Landfill Fugitives		20365	PSDTX785M7
		MEOHLOAD	OP-REQ2	Methanol Unloading		20365	PSDTX785M7
		NA-7533	OP-REQ2	Nalco 7533 Tank		106.472/09/04/2000	
		PROKRAFT	OP-UA61	Kraft Process LVHC System		20365	PSDTX785M7
		SOAPLOAD	OP-REQ2	Soap Loading		20365	PSDTX785M7
		TURPLOAD	OP-REQ2	Turpentine Loading		20365	PSDTX785M7

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit/Process						Preconstruction Authorizations	
AI	Revision No.	ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
		WW-PMP1	OP-UA2	North Effluent Pump Engine		106.512/06/13/2001	
	7	WW-PMP2	OP-UA2	South Effluent Pump Engine		106.511/09/04/2000 <i>106.512/06/13/2001</i>	
<i>A</i>	<i>11</i>	<i>SR73-CT</i>	<i>OP-REQ2</i>	<i>Switch Room 73 Cooling Tower</i>		<i>106.371/09/04/2000</i>	
<i>A</i>	<i>11</i>	<i>SR77-CT</i>	<i>OP-REQ2</i>	<i>Switch Room 77 Cooling Tower</i>		<i>106.371/09/04/2000</i>	
<i>A</i>	<i>11</i>	<i>SR82-CT</i>	<i>OP-REQ2</i>	<i>Switch Room 82 Cooling Tower</i>		<i>106.371/09/04/2000</i>	
<i>A</i>	<i>11</i>	<i>SR83-CT</i>	<i>OP-REQ2</i>	<i>Switch Room 83 Cooling Tower</i>		<i>106.371/09/04/2000</i>	

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	11-2030	OP-REQ2		GRPCOOL
	17-2006	OP-REQ2		GRPTK01
	17-2047	OP-REQ2		GRPTK01
	17-2048	OP-REQ2		GRPTK04
	17-2230	OP-REQ2		GRPTK01
	18-2003	OP-REQ2		GRPTK01
	18-2004	OP-REQ2		GRPTK01
16	18-2032	OP-REQ2	A	GRPTK03
	19-2011	OP-REQ2		GRPTK04
	19-2022	OP-UA30		GRPEV1
	19-2023	OP-UA30		GRPEV1
	19-2026	OP-REQ2		GRPTK01
	19-2027	OP-REQ2		GRPTK01

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	19-2028	OP-REQ2		GRPTK01
	19-2029	OP-REQ2		GRPTK01
	19-2030	OP-REQ2		GRPTK01
	19-2031	OP-REQ2		GRPTK01
	19-2038	OP-REQ2		GRPTK01
	19-2039	OP-REQ2		GRPTK01
	19-2040	OP-REQ2		GRPTK01
	19-2041	OP-UA30		GRPEV1
	19-2048	OP-UA30		GRPEV1
	19-2049	OP-UA30		GRPEV1
	19-2050	OP-REQ2		GRPTK01
	19-2053	OP-UA30		GRPEV1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	19-2062	OP-REQ2		GRPEV2
	19-2069	OP-REQ2		GRPTK01
	19-2071	OP-REQ2		GRPEV2
	19-2074	OP-REQ2		GRPEV2
	19-2079	OP-REQ2		GRPTK01
	19-2080	OP-REQ2		GRPTK04
	19-2081	OP-REQ2		GRPTK01
	19-2083	OP-REQ2		GRPTK01
	19-2084	OP-REQ2		GRPTK04
	19-2085	OP-REQ2		GRPTK01
	19-2088	OP-REQ2		GRPTK01
	19-2089	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	19-2091	OP-REQ2		GRPTK01
	19-2107	OP-REQ2		GRPTK05
<i>13</i>	<i>21-2041</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK01</i>
	24-2016	OP-REQ2		GRPTK01
	24-2017	OP-REQ2		GRPTK01
	24-2018	OP-REQ2		GRPTK01
	24-2019	OP-REQ2		GRPTK01
	24-2020	OP-REQ2		GRPTK01
	24-2022	OP-REQ2		GRPTK01
	24-2023	OP-REQ2		GRPTK01
	24-2024	OP-REQ2		GRPTK01
	24-2025	OP-REQ2		GRPTK01
	24-2026	OP-REQ2		GRPTK01

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	24-2027	OP-REQ2		GRPTK01
	24-2029	OP-REQ2		GRPTK01
	24-2031	OP-REQ2		GRPTK01
	24-2047	OP-REQ2		GRPTK01
	24-2048	OP-REQ2		GRPTK01
	24-2049	OP-REQ2		GRPTK01
	24-2050	OP-REQ2		GRPTK01
	24-2051	OP-REQ2		GRPTK01
	24-2052	OP-REQ2		GRPTK01
	24-2053	OP-REQ2		GRPTK01
	24-2057	OP-REQ2		GRPTK01
	24-2059	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	24-2060	OP-REQ2		GRPTK01
15	24-2061	OP-REQ2	A	GRPTK03
	24-2062	OP-REQ2		GRPTK01
	24-2065	OP-REQ2		GRPTK01
	24-2071	OP-REQ2		GRPTK01
	24-2073	OP-REQ2		GRPTK01
	24-2074	OP-REQ2		GRPTK05
	24-2092	OP-REQ2		GRPTK01
	24-2093	OP-REQ2		GRPTK01
	24-2094	OP-REQ2		GRPTK01
	24-2095	OP-REQ2		GRPTK01
	24-2097	OP-REQ2		GRPTK01
	24-2098	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	24-2105	OP-REQ2		GRPTK01
	24-2108	OP-REQ2		GRPTK01
	24-2109	OP-REQ2		GRPTK01
	26-2002	OP-UA30		GRPEV1
	26-2011	OP-REQ2		GRPTK01
	26-2012	OP-REQ2		GRPTK01
<i>17</i>	<i>30-2601</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
	30-2610	OP-REQ2		GRPCOOL
	34-2078	OP-REQ2		GRPTK01
	34-2079	OP-REQ2		GRPTK01
	40-0105	OP-UA30		GRPDIG2
	40-2001	OP-REQ2		GRPTK01
	40-2002	OP-UA30		GRPDIG1

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	40-2003	OP-UA30		GRPDIG2
	40-2004	OP-REQ2		GRPTK01
	40-2006	OP-UA30		GRPDIG2
	40-2014	OP-UA30		GRPDIG2
	40-2016	OP-REQ2		GRPTK01
	40-2020	OP-REQ2		GRPTK03
	40-2022	OP-REQ2		GRPTK01
	40-2023	OP-UA30		GRPDIG2
	40-2024	OP-UA30		GRPDIG2
	40-2025	OP-REQ2		GRPTK03
	40-2026	OP-REQ2		GRPTK03
	40-2028	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	40-2034	OP-REQ2		GRPTK01
	40-2035	OP-REQ2		GRPTK01
<i>17</i>	<i>40-2038</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
	40-2039	OP-REQ2		GRPTK01
	40-2061	OP-REQ2		GRPTK01
	40-2087	OP-REQ2		GRPTK01
	40-2088	OP-REQ2		GRPTK01
	40-2089	OP-REQ2		GRPTK01
	40-2100	OP-REQ2		GRPTK04
	40-2101	OP-REQ2		GRPTK01
	40-2102	OP-REQ2		GRPTK01
	40-2103	OP-REQ2		GRPTK01
	40-2104	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	40-2166	OP-REQ2		GRPTK03
	40-2167	OP-REQ2		GRPTK01
	40-2192	OP-UA30		GRPDIG2
	40-2334	OP-REQ2		GRPTK05
	40-2335	OP-REQ2		GRPTK05
	40-2361	OP-UA30		GRPDIG2
	40-2362	OP-UA30		GRPDIG2
	40-2377	OP-UA30		GRPDIG2
19	40-2405	OP-REQ2	A	GRPTK03
	40-2539	OP-REQ2		GRPTK05
	44-2006	OP-REQ2		GRPTK03
	44-2014	OP-REQ2		GRPTK01
	44-2016	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	44-2017	OP-REQ2		GRPTK01
	44-2018	OP-REQ2		GRPTK01
	44-2019	OP-REQ2		GRPTK01
	44-2020	OP-REQ2		GRPTK01
	44-2021	OP-REQ2		GRPTK01
	44-2022	OP-REQ2		GRPTK01
	44-2023	OP-REQ2		GRPTK01
	44-2024	OP-REQ2		GRPTK01
	44-2025	OP-REQ2		GRPTK01
14	44-2043	OP-REQ2	A	GRPTK01
	44-2065	OP-REQ2		GRPTK01
	44-2080	OP-REQ2		GRPTK01
	44-2081	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	44-2144	OP-REQ2		GRPTK01
	44-2151	OP-REQ2		GRPTK03
<i>16</i>	<i>44-2335</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
<i>16</i>	<i>44-2337</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
<i>16</i>	<i>44-2338</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
	50-0405	OP-UA30		GRPDIG2
	50-2001	OP-REQ2		GRPTK01
	50-2002	OP-UA30		GRPDIG1
	50-2003	OP-UA30		GRPDIG2
	50-2004	OP-REQ2		GRPTK05

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	50-2006	OP-UA30		GRPDIG2
	50-2014	OP-UA30		GRPDIG2
	50-2016	OP-REQ2		GRPTK01
	50-2020	OP-REQ2		GRPTK03
	50-2021	OP-REQ2		GRPTK03
	50-2022	OP-REQ2		GRPTK01
	50-2023	OP-UA30		GRPDIG2
	50-2024	OP-UA30		GRPDIG2
	50-2025	OP-REQ2		GRPTK05

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	50-2026	OP-REQ2		GRPTK05
	50-2032	OP-REQ2		GRPTK05
16	50-2044	OP-REQ2	A	GRPTK03
	50-2045	OP-REQ2		GRPTK03
	50-2048	OP-REQ2		GRPTK03
	50-2053	OP-REQ2		GRPTK01
	50-2055	OP-UA30		GRPDIG2
	50-2056	OP-UA30		GRPDIG2
	50-2057	OP-UA30		GRPDIG2

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	50-2058	OP-UA30		GRPDIG2
	50-2059	OP-UA30		GRPDIG2
	50-2060	OP-UA30		GRPDIG2
	50-2061	OP-UA30		GRPDIG2
	50-2065	OP-REQ2		GRPTK05
	50-2066	OP-REQ2		GRPTK01
	50-2192	OP-UA30		GRPDIG2
19	50-2405	OP-REQ2	A	GRPTK03
	54-2101	OP-REQ2		GRPTK01
	54-2102	OP-REQ2		GRPTK01
	54-2103	OP-REQ2		GRPTK01
	54-2107	OP-REQ2		GRPTK01
	54-2108	OP-REQ2		GRPTK01

**Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	54-2109	OP-REQ2		GRPTK01
	54-2110	OP-REQ2		GRPTK01
	54-2111	OP-REQ2		GRPTK01
	54-2113	OP-REQ2		GRPTK01
	54-2122	OP-REQ2		GRPTK01
	54-2180	OP-REQ2		GRPTK03
	54-2181	OP-REQ2		GRPTK03
	54-2234	OP-REQ2		GRPTK05
	54-2236	OP-REQ2		GRPTK01
	54-2237	OP-REQ2		GRPTK01
	54-2238	OP-REQ2		GRPTK01
	54-2285	OP-REQ2		GRPTK05

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	54-2323	OP-REQ2		GRPTK05
	54-2343	OP-REQ2		GRPTK05
	54-2355	OP-REQ2		GRPCOOL
	54-2360	OP-REQ2		GRPTK05
	54-2441	OP-REQ2		GRPTK05
	54-2472	OP-REQ2		GRPTK05
	54-2527	OP-REQ2		GRPTK01
	54-2528	OP-REQ2		GRPTK05
12	54-2674	OP-REQ2	A	GRPTK03
	71-2001	OP-REQ2		GRPTK01
	71-2002	OP-REQ2		GRPTK01
	71-2003	OP-REQ2		GRPTK01
	71-2098	OP-REQ2		GRPTK01

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	71-2099	OP-REQ2		GRPTK01
	71-2113	OP-REQ2		GRPTK01
	71-2374-AST	OP-REQ2		GRPTK02
	71-2375-AST	OP-REQ2		GRPTK02
	71-2423	OP-REQ2		GRPTK02
	71-2424	OP-REQ2		GRPTK02
	71-2425	OP-REQ2		GRPTK02
10	71-2542	OP-REQ2	A	GRPTK03
	80-2877	OP-REQ2		GRPTK03
	80-2878	OP-REQ2		GRPTK03
	80-2881	OP-REQ2		GRPTK03
	80-2926	OP-REQ2		GRPTK03
	80-2927	OP-REQ2		GRPTK03

Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
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Table 2

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
	80-2928	OP-REQ2		GRPTK03
<i>20</i>	<i>80-2940</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK01</i>
	99-0472	OP-REQ2		GRPTK03
	99-0612	OP-REQ2		GRPTK03
	99-0615	OP-REQ2		GRPTK03
	NA-7533	OP-REQ2		GRPTK03
<i>9</i>	<i>E4-BIOC</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPTK03</i>
<i>11</i>	<i>SR73-CT</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPCOOL</i>
<i>11</i>	<i>SR77-CT</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPCOOL</i>
<i>11</i>	<i>SR82-CT</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPCOOL</i>
<i>11</i>	<i>SR83-CT</i>	<i>OP-REQ2</i>	<i>A</i>	<i>GRPCOOL</i>

3. Responsible Official Certification

OP-CRO1

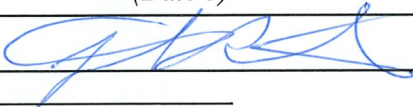
Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

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: RN102157609
CN: CN601549496
Account No.: JC-0003-K
Permit No.: O1265
Project No.: TBD
Area Name: Evadale Mill
Company Name: WestRock Texas, L.P.
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

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

IV. Certification of Truth
This certification does not extend to information which is designated by TCEQ as information for reference only.
I, <u>John Hamilton</u> certify that I am the <u>RO</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div>
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="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div>
Specific Dates: <u>12/18/2024</u> _____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div>
_____ <div style="display: flex; justify-content: space-around; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div>
Signature: <u></u> Signature Date: <u>12-18-24</u> Title: _____
Title: General Manager _____

4. Area Map

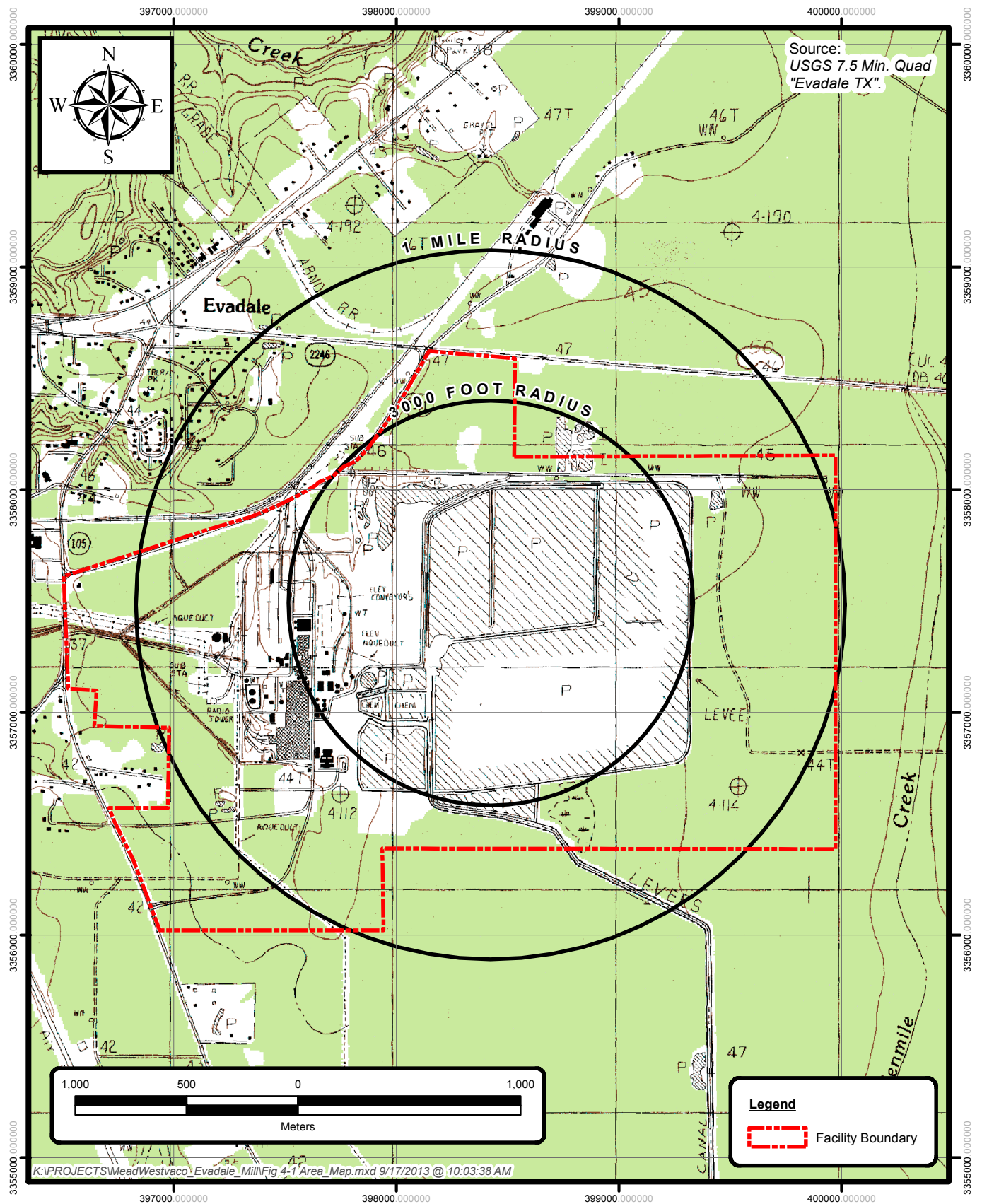


Figure 4-1 Area Map

5. Plot Plan

6. Process Description

The following section describes the processes at the Evadale Mill. Process flow diagrams for each of the process areas are included in **Section 7** of this application.

Woodyard Operations

Wood preparation consists of a series of operations, which convert the wood into a form suitable for pulping. Wood is delivered to the mill in the form of long logs or chips, delivered by either truck or rail.

Logs are unloaded and stored in piles. From these piles, the logs are transported to a feed deck and then conveyed to a whole tree debarking drum, where the bark is removed. The debarked logs are transported to the chipper where they are reduced into chips suitable for subsequent pulping operations. The wood waste from the debarking drum is ground or “hogged” and conveyed to the bark storage pile by belt conveyors. The wood chips from the chipper are transported by belt conveyors to storage piles.

Chips that are delivered to the mill by truck or rail are unloaded and conveyed to appropriate chip piles. The chips are transferred to a belt conveyor system and begin the size classification process by first passing through a scalping screen to remove large debris. The chips are sorted for size and thickness using a series of covered screens. The chips are collected on belt conveyors and transported to the No. 4 Fiber Line or No. 5 Fiber Line chip bins.

The oversize chips discharged from the screens are reprocessed in a chip conditioner before they are sent to the pulping process. The undersized fines discharged from the enclosed screens are transported via an air entrainment system to a series of cyclones and eventually to the bark yard. The material collected in the bark pile is reclaimed in a similar manner as the chips and is transported by belt conveyors to the No. 2 and No. 6 Power Boilers as fuel.

Figure 7-1 shows a process flow diagram for the woodyard operations, and **Figure 7-2** shows a process flow diagram for the bark yard.

Pulping Operations

The kraft pulping/bleaching process at the mill is performed at the No. 4 and 5 Fiber Lines. Both hardwood and softwood (pine) fiber can be processed on each line.

Wood Pulping Process

As described above, the screened wood chips are fed via conveyor into an air-lock feeder and then the chip bins. From the bins, chips drop into the steaming vessel. Flash steam is used to preheat the chips and drive off air. The chips are sluiced away from the steaming vessel with cooking liquor and sent to a high-pressure vessel system to ensure complete impregnation of the chips with the cooking liquor. After the impregnation vessel, the chips are mixed with additional white liquor and transferred to the continuous digester.

White liquor is added to the different cook zones of the digester. Chips are added continuously into the top inlet of the digester while the cooked pulp is withdrawn from the bottom. The pulp is cooled and blown to the diffusion washer. As the partially spent cooking liquor is extracted, the flash steam is liberated in flash tanks to be reused elsewhere in the process. Any excess flash steam is vented to the flash steam condenser.

The non-condensable gases (NCGs) from the fiber line process are routed to the No. 2 and/or No. 6 Power Boilers through either the low volume, high concentration (LVHC) system or the high volume, low concentration (HVLC) system. The foul condensate from the No. 4 Fiber Line is routed to a foul condensate tank. The foul condensate from the No. 5 Fiber Line process is routed to a foul condensate transfer tank then to a turpentine decanter. Turpentine is separated and sent to a storage tank. From there, it is shipped offsite.

Washing and Screening Process

The pulp, which exits the No.4 and No.5 digesters, now contains several contaminants that must be removed before the bleaching process. The function of the washing and screening process is to separate the good fiber from the miscellaneous debris and spent cooking liquor and lignin (black liquor), so that each of these constituents can be recycled back into the process or disposed.

A two-stage diffusion washing system is located on the top of the brownstock high-density storage tank. Wash water is added through nozzles and displaced liquor is extracted through the washer drums. The filtrate (now “weak black liquor”) is collected in filtrate tanks and a portion is pumped to the digester for cold blow and additional washing. The washed pulp is thickened and placed in the unbleached high-density storage tanks, which serve to even out surges in production. The washers are controlled to the NCG collection system and filtrate tanks vent directly to the atmosphere.

Pulp from the unbleached high-density storage tanks is diluted and pumped to the screening system. The reject material is removed by pumping the stock through two stages of knotters. Some good fiber is also rejected from the primary knotter so the rejects slurry is processed in a second stage knotter to reduce the loss of usable fiber. The rejected slurry from the second stage knotter is sent to a press for disposal and the accepted pulp slurry is sent to the screens, which use a process similar to the process for removing knots. The pulp is pumped through pressure screens that allow fiber and small material to pass but reject larger sizes. Some of the good fiber is rejected with the debris so the screening is repeated twice more to reduce fiber losses. From the third stage, the rejected slurry from the screen and knotter is combined and sent to the reject press.

The final stage in the washing and screening process is thickening the pulp in the “deckers” for storage prior to bleaching. The filtrate from the decker is pumped to the diffusion washers where it is used as wash water. The thickened pulp is removed from the decker and pumped to the bleached feed tank prior to beginning the bleaching process. The deckers, screen dilution tanks and unbleached high-density storage tanks vent directly to the atmosphere.

Figure 7-3 shows the process flow for the pulping operations.

Bleaching Operations

Pulp is bleached to meet customer requirements. The process involves the use of chemicals to remove lignin. The mill has two four-stage processes that use sodium hydroxide, oxygen, hydrogen peroxide, and chlorine dioxide to bleach the hardwood and softwood pulps separately.

Pulp in the bleached feed tank is diluted and pumped to the first stage of the bleach plant where chlorine dioxide is added. After the reaction is carried out, the pulp is sent to a washer for the removal of the spent chemicals. The filtrate from this process is discharged into a vented effluent sewer line. The pulp then passes to the second stage where sodium hydroxide is added. Oxygen and/or hydrogen peroxide may also be added. The pulp is washed to remove spent chemicals and solubilized color bodies.

The third stage bleaching involves the addition of chlorine dioxide to the pulp. The washing step is repeated with the resulting filtrate being used for pulp dilution/washing in the first stage. In the final stage, the Bleach Plant reacts the pulp with chlorine dioxide and hydrogen peroxide again. The pulp is again washed and then pumped to the appropriate bleached feed hardwood/softwood tank. The exhaust air from the chlorine dioxide stages and chlorine dioxide filtrate tanks are vented to the bleach plant.

scrubbers. Alkaline solution is used in the wet scrubber to remove compounds containing chlorine. The alkaline diffusion washers and filtrate tanks vent directly to the atmosphere.

Chlorine Dioxide Generation Process

The chlorine dioxide used in the pulp bleaching process is produced by the reaction of sodium chlorate and sulfuric acid with methanol. The resultant gas is absorbed in cold water for use as a bleaching liquid. The process generates a sodium sulfate salt cake make-up for small salt cake losses throughout the facility. The vents from this plant and the ClO₂ storage tanks are directed to two process absorption towers followed by a scrubber. The spent scrubbing solution is discharged to the mill effluent treatment system.

Figure 7-3 shows the process flow for the bleaching operations.

Chemical Recovery Operations

The mill recycles the spent chemicals used in the pulping process. During the washing stage of Fiber Lines No. 4 and No. 5, the spent cooking liquor from the digesters is mixed with washer filtrate and becomes known as weak black liquor (WBL). This WBL contains water, dissolved lignin, and spent chemicals such as sodium hydroxide and sodium sulfide, and solids. The first stage of the recovery process begins as a small percentage of the WBL is circulated through the two pre-evaporator sets to boost the solids content, improving the efficiency of the evaporator sets.

Evaporator Area

The WBL now begins its sequence through one of the three multiple effect evaporator sets for the No. 3 and No. 4 Recovery Boilers. These indirect multiple effect evaporator sets remove moisture from the WBL in five or six stages or "effects", each performed in a separate unit or "body". After the third effect, the liquor has accumulated a layer of foam floating on its surface. This foam, known as "soap", reduces the efficiency of the evaporator body. On the No. 4 Evaporator Set, the soap is removed in a soap separator and collected in a storage tank. As the black liquor separates from the soap, it is pumped back to the 3rd effect body. Soap is also skimmed off the WBL storage tanks and collected in the light soap storage tank. The soap is shipped offsite for processing.

The WBL is boiled and concentrated in each body until it exits the 1st effect as strong black liquor (SBL). The non-condensable gas emissions from the evaporators are removed by a steam ejector system, cooled, condensed, and collected in hotwells. These hotwells are vented to the NCG system and routed to No. 2 and/or No. 6 Power Boilers for destruction. The water evaporated from the black liquor is collected in three forms. The clean condensate is sent to the power boilers to be used as feedwater make-up. The dirty or "combined" condensate is collected in a storage tank where it can be used to clean the evaporators during boilouts or sent on to the wastewater sewer. Foul condensate is also collected from the feed end of the evaporators and sent to the effluent system for treatment.

The SBL is now sent through the respective two-body concentrator set or the single body finisher to further boost the solids content. After processing through the small concentrators or finishers, the liquor is processed through the No. 5 concentrators. The solids content of the liquor is typically between 72-74% solids. The liquor is now known as heavy black liquor (HBL). The HBL for the No.3 Recovery Boiler is sent to its respective black liquor use tank. Liquor at the No. 3 Recovery Boiler is mixed with salt cake from the boiler and precipitator. The No. 4 Recovery Boiler HBL travels to a boiler ash mix tank where it is mixed with salt cake from the boiler. The HBL, with a solids content of approximately 72% to 74%, is now sent to the salt cake mix tanks before entering one of the two recovery boilers.

Recovery Boiler

Operation of the two recovery boilers is similar. The concentrated black liquor is sprayed through a set of nozzles into the furnace. The liquor droplets dry and partially pyrolyze before falling onto the char bed.

The sodium salts melt and flow from the char bed of the furnace through water-cooled spouts to the dissolving tank. These inorganic compounds are called smelt. Emissions from the smelt dissolving tanks are controlled by wet variable venturi scrubbers with cyclonic separators.

Combustion air is supplied into the furnace by forced-draft fans. The flue gas passes through the boiler superheater and steam generating section. Finally, the gas is cooled in the economizer section and goes directly to the precipitator where the fly ash particles are ionized, collected on electrodes, and discharged into mix tanks. The cleaned flue gas is then discharged through a stack to the atmosphere.

The No.3 and No.4 Recovery Boilers utilize to a dry bottom electrostatic precipitator (ESP) for collection and control of the particulate discharge from the boiler.

Figure 7-4 shows the process flow of the chemical recovery area, which include those facilities related to black liquor generation, the recovery furnaces and the smelt-dissolving tanks.

Caustic Plant Operations

As mentioned earlier, solids in the black liquor are converted to a mixture of molten sodium salts by burning in the recovery boiler. The major components of the salts, referred to as smelt, are sodium carbonate and sodium sulfide. The mixture leaves the recovery boiler in a molten state. On leaving the recovery boiler, the smelt is formed into small droplets using steam sprays at the smelt spouts and is then dissolved in weak wash where it becomes green liquor. The green liquor consists of sodium carbonate, sodium sulfide, and water.

In addition to sodium salts, the green liquor contains small amounts of contaminants known as dregs. The next step in the liquor recovery cycle is to remove these contaminants. This is done in a clarifier with the aid of polymers and/or coagulants. The semi-solid mass of contaminants is removed from the bottom of the clarifier and washed to recover more of the chemicals. The dregs are then disposed of in a landfill and the clarified green liquor is sent to storage.

From storage, the green liquor is pumped to the slakers where lime is mixed with the green liquor. The reaction of the lime with sodium carbonate produces sodium hydroxide and calcium carbonate. Unreacted particles, known as grits, are removed. The slakers vent through a water nozzle to control particulates prior to discharge. This reaction continues through the causticizers, which are stirred tanks providing retention time for the reaction. At this point, the liquid is called "white liquor".

Next the white liquor is clarified to remove the precipitated calcium carbonate called lime mud. The clarified white liquor is then sent to storage or to a white liquor polisher to remove more of the fine particles of lime mud. The concentrated lime mud is then washed with water and filtered. The filtrate, called weak wash, is recycled to the dissolving tanks on each of the recovery boilers where it is reused to make green liquor. With 75-80% of the moisture removed, the lime mud is now sent to the lime kiln for conversion back to active lime, CaO.

There are two cylinder-shaped kilns that vary in length and diameter which use the same type of process. The kiln burner is located at the discharge end and lime mud is introduced into the opposite or cold end. The kiln has a gradual slope with the cold end being higher than the hot end. The shell is in constant, slow rotation so that lime mud is gradually conveyed from the cold end to the hot end. As the lime mud travels down the length of the kiln, it is dried and the carbon dioxide is driven off. The lime is then conveyed to a storage silo. The exhaust gases from the No. 7 Lime Kiln are directed to an ESP for cleaning before discharge. The No. 1 Lime Kiln discharges through a wet variable venturi scrubber with cyclonic moisture separator to control particulates.

Figure 7-5 shows the process flow for the caustic plant area.

Papermaking Operations

Nos. 2, 4 and 5 paper machines produce pulp and paperboard from the hardwood and softwood pulps produced on site. Recycled fiber is used on selected grades as available.

Hardwood and softwood pulps are pumped from the high-density chests to an agitated blend chest for each machine. The blended stock is then pumped through a series of refiners into the machine chest. From the machine chest, the stock is pumped through a refiner and stuff box, diluted to the required machine consistency in the machine silo, pumped to the primary cleaner pumps, then to the primary cleaners. The stock is cleaned by the primary cleaners and then transferred to the fan pump. The fan pump feeds primary screens and the inlet of the paper machine headbox.

The function of the headbox is to take the stock delivered by the fan pump and transform the pipeline flow into a uniform, rectangular flow equal in width to the paper machine and at uniform velocity in the machine direction.

The section of the paper machine after the headbox is the Fourdrinier, which contains a wire with a looping, finely woven screen. This wire travels between two large rolls: the breast roll near the headbox and the couch roll at the other end. When the stock is fed onto the wire, the fibers are suspended in water and free to move independently of one another. As soon as they come in contact with the moving wire, water drains through the screen and the fibers are deposited in discrete layers forming a continuous mat. The wire then passes over a series of vacuum-augmented devices, and finally over the high vacuum couch roll. The vacuum pumps for the Fourdrinier exhaust to the atmosphere on each machine. All water removed from the sheet is collected under the Fourdrinier in the wire pit and returned into the system.

The next section of the paper machine following the forming stage is the press section. In this section, the wet mat web of fiber is held between two fabric layers and pressed through rollers. The objectives of this section are to remove water to consolidate the paper web, provide surface smoothness, and promote higher wet paper web strength for good operation in the dryer section.

After the press section, the sheet enters the drying zone. The dryers evaporate the residual moisture from the pressed sheet. As the sheet leaves the main dryer section, it passes through a two-roll size press. Here a starch solution is applied to one or both sides of the sheet.

Following the size press is another dryer group similar to the main dryer section. The sheet at this point enters the calendar stack, which consists of several iron rolls stacked vertically. The primary objectives of machine calendaring are to even out sheet thickness and impart desirable surface properties, primarily smoothness. After the first calendar stack, the sheet passes through another short dryer section similar to the main dryers and then the second calendar and onto a roll. An overhead reel crane then removes the finished roll.

When a coated paper is being produced on the paper machines, the sheet leaving the calendars is threaded to the coating section. Depending on the final product requirements, various coating mixtures are applied. Excess coating is collected in pans below the section and reused. After each coater station, a series of gas fired infrared units, gas fired IR air dryers, and cast iron cylinder dryers are used to dry the coating.

After the coating application and drying, the sheet passes through the gloss calendar stack to improve smoothness. Either a primary or secondary reel then collects the final coated product. The parent or jumbo rolls from the reel are transferred to a winder unwind stand by an overhead reel crane. The function of the winder is to cut and wind the full-width, large diameter paper roll into suitable-size rolls for market to meet each customer's order requirement.

Starch preparation is a separate process area associated with the paper machines. Dry powdered starch is normally brought to the mill by railroad cars although trucks can be accommodated. There are four unloading facilities each of which includes a blower, unloading dust abatement assembly, rotary seal valve, pipeline, and a silo. The three types of dry starch are pneumatically conveyed to several silos. Starch is removed from the silos by several conveyors, which lead to rotary valve-type feeders. The ends

of these discharge pipes are submerged to form a seal in the starch mix tank, where a starch slurry is produced. The starch slurries from the starch mix tanks are pumped to the starch cookers. The starch cookers are enclosed in the main coating kitchen building. The purpose of the main coating kitchen is to supply the additives and coatings required by the paper machines to complete each order.

Figure 7-6 shows the process flow for the paper machines.

Power Operations

The No. 5 Power Boiler produces steam using natural gas fuel. The No. 2 and No. 6 Power Boilers are fired with a combination of biomass fuel and natural gas. Non-condensable gases (NCGs) are also burned in the No. 2 and No. 6 Power Boilers. The steam produced in these boilers is used for power generation, pulp and papermaking processes, and for heating purposes.

Combustion air to the boilers is supplied by forced draft fans. Before the air enters the furnace, it passes through a tubular air heater to improve the overall boiler efficiency. Combustion air for the No. 5 Power Boiler is blended with recirculating flue gas before entering the low NO_x burners. In the No. 2 and No. 6 Power Boilers, the air is directed to the under grate plenum and the gas burner air ducts. Combustion of the solid biomass fuel (e.g., sludge, bark, wood residuals) in the No. 2 and No. 6 Power Boilers takes place on the grate and in the area immediately above.

After the combustion, in each boiler, the exhaust gases pass from the furnace through the superheater, boiler section, economizer and tubular air heater to the furnace exhaust point. The exhaust gases from the natural gas fired boiler, No. 5, are discharged directly to the atmosphere. The exhaust gases from the No. 2 and No. 6 Power Boilers are sent to multicyclone separators and then through venturi wet scrubbers. The cleaned exhaust gases are then discharged to atmosphere.

Figure 7-7 shows the process flow for the boilers.

Wastewater Treatment Process

The water needed to run the mill processes is taken from two primary sources, the Neches River and numerous wells located on the property. Water is treated and used for various processes throughout the plant. The bleach plants process streams mix and flow directly to the high biochemical oxygen demand (BOD) pond. The effluent from the rest of the Mill flows to a collection sump. The effluent is then pumped to the primary clarifier to reduce total suspended solids (TSS). The sludge removed from the clarifier is pumped to a thickener, where more filtrate can be removed. The removed solids are sent to an adjacent sludge press and then to the landfill on-site or recycled. The filtrate removed from the clarifier and thickener flows to the high BOD pond. The effluent from the high BOD pond then flows into the first of three aeration lagoons and then into a quiescent pond. The treated effluent flows to a final polishing pond before being gravity fed into the Neches River.

Figure 7-8 is a process flow diagram for the wastewater system.

7. Process Flow Diagrams

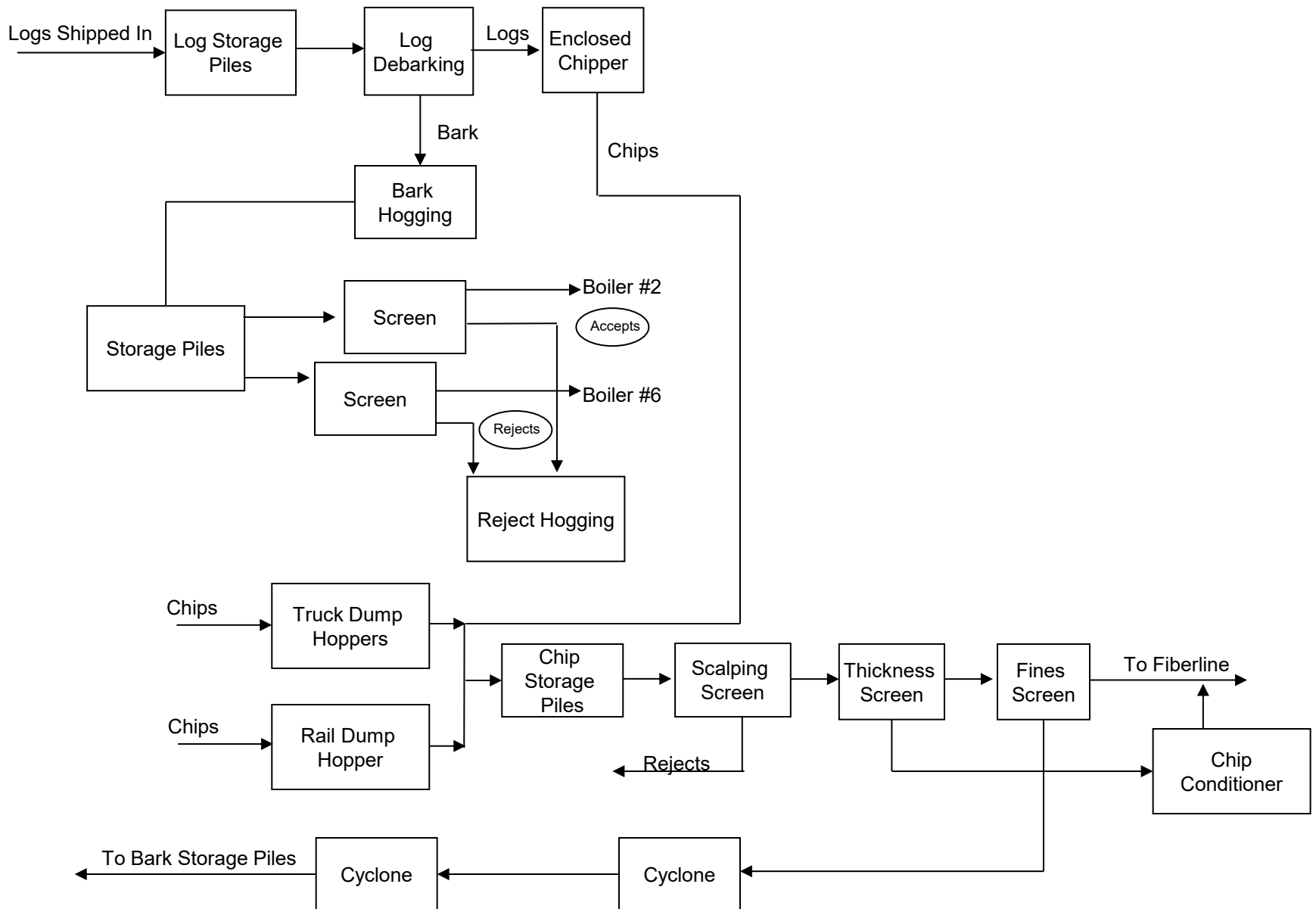


Figure 7-1. Woodyard Process Flow Diagram

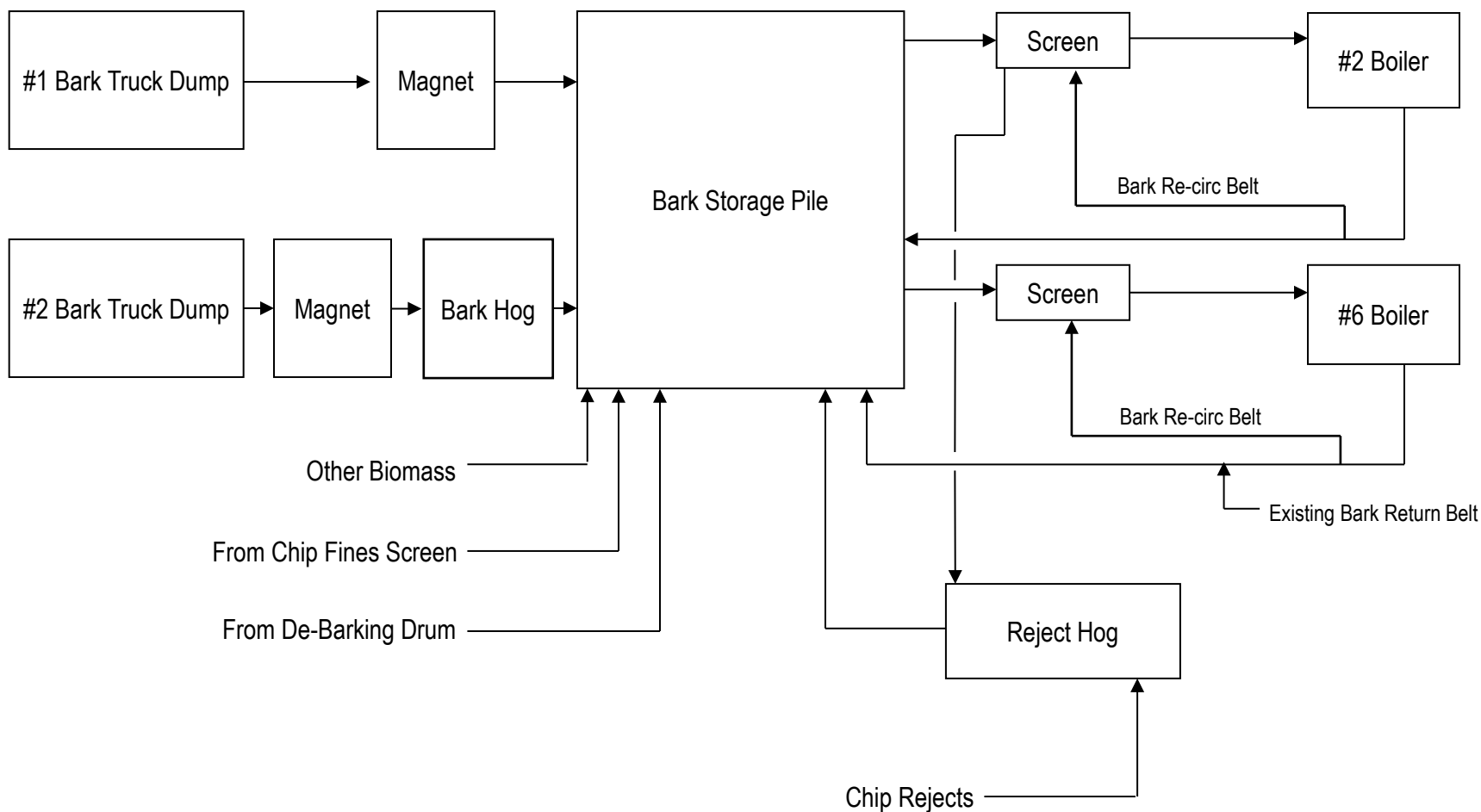
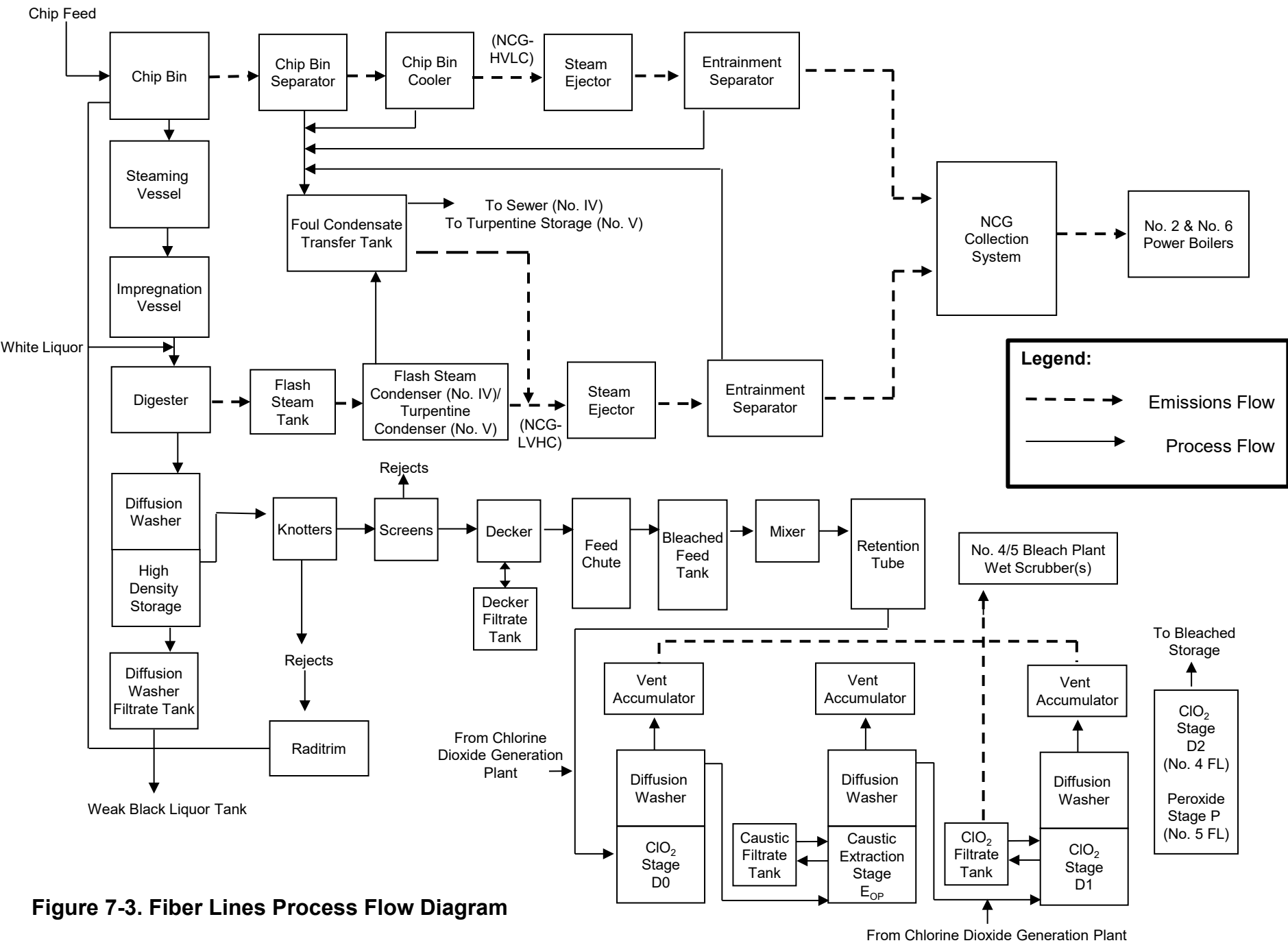


Figure 7-2. Bark Yard Process Flow Diagram



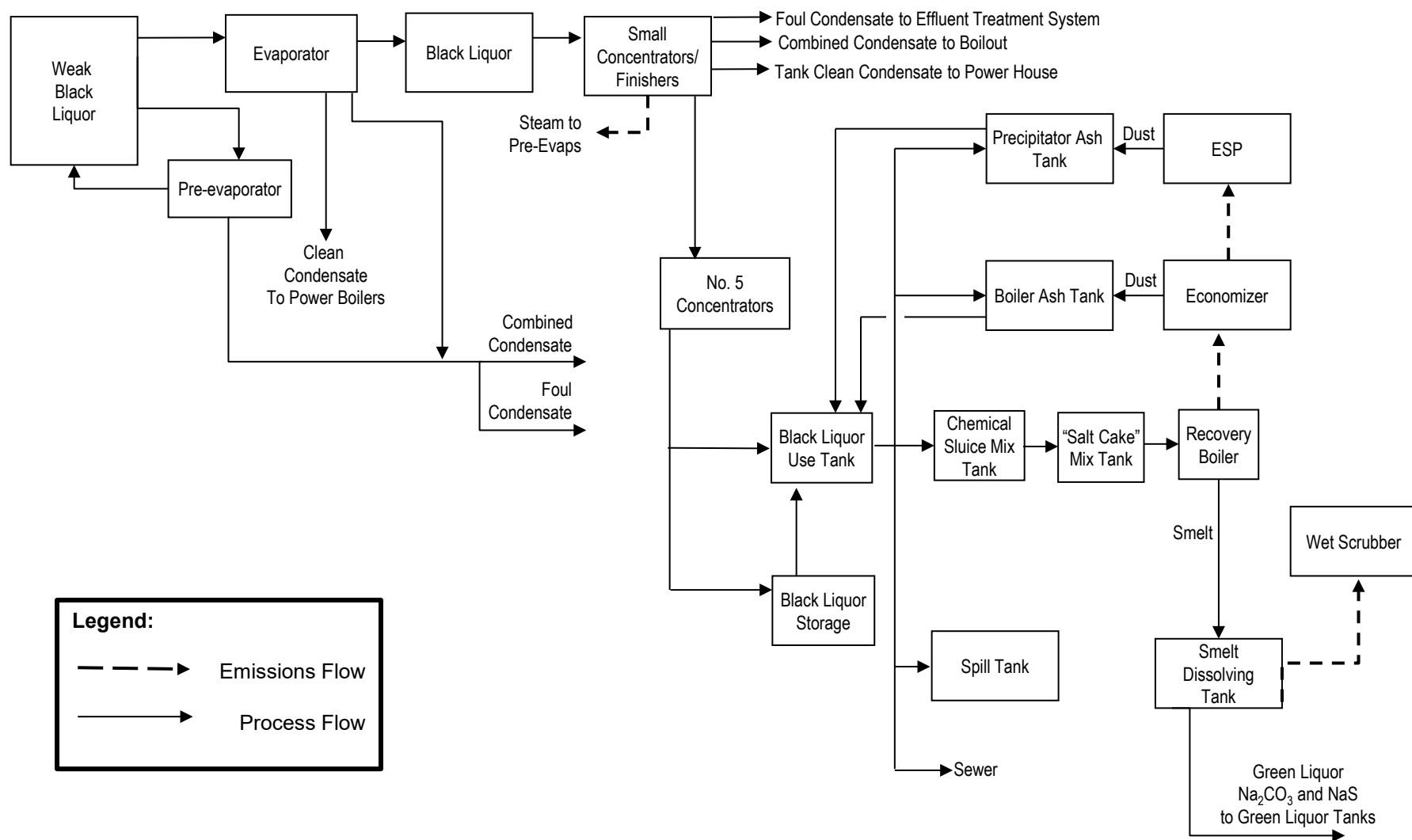


Figure 7-4. Recovery Process Flow Diagram

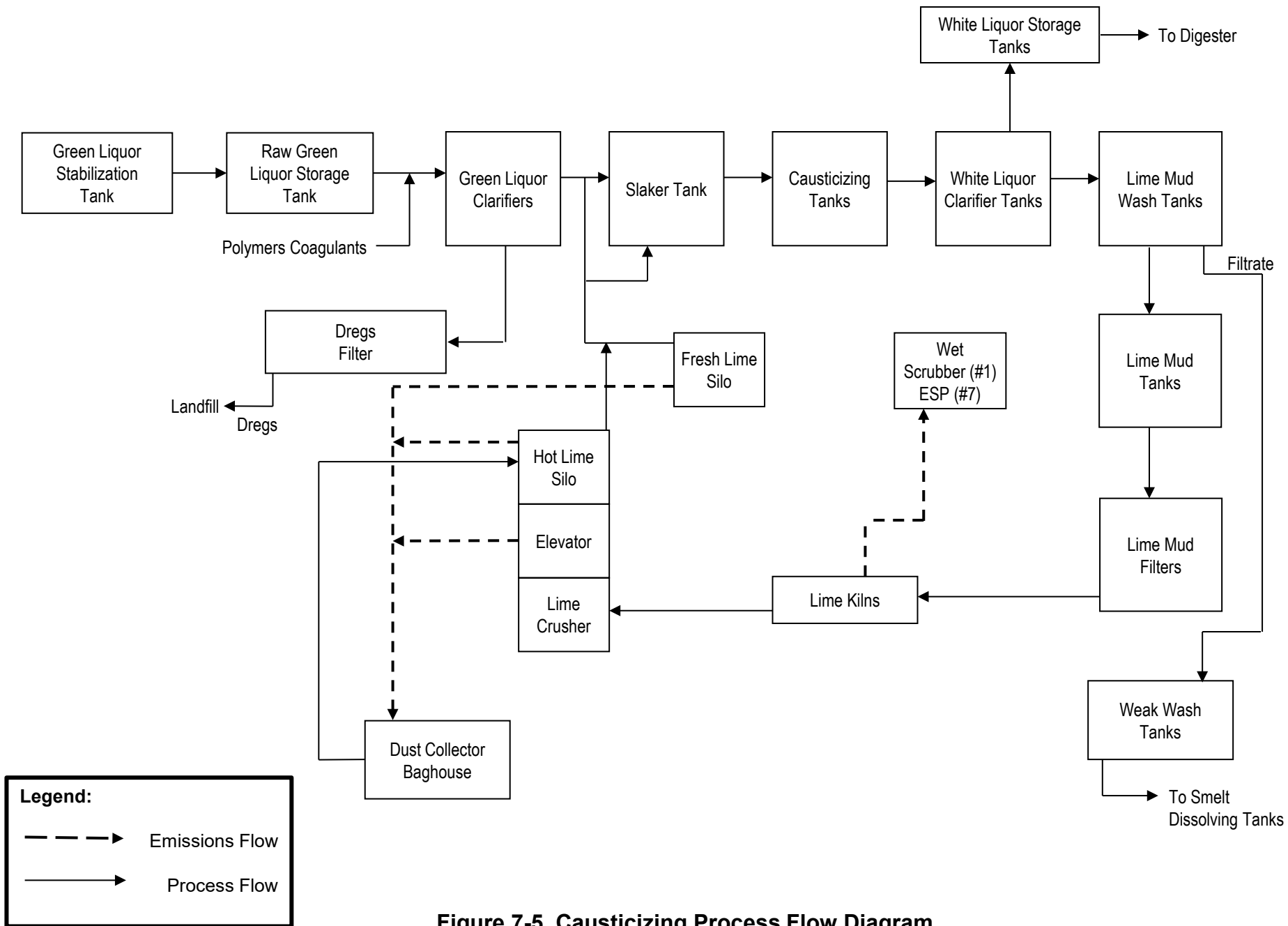


Figure 7-5. Causticizing Process Flow Diagram

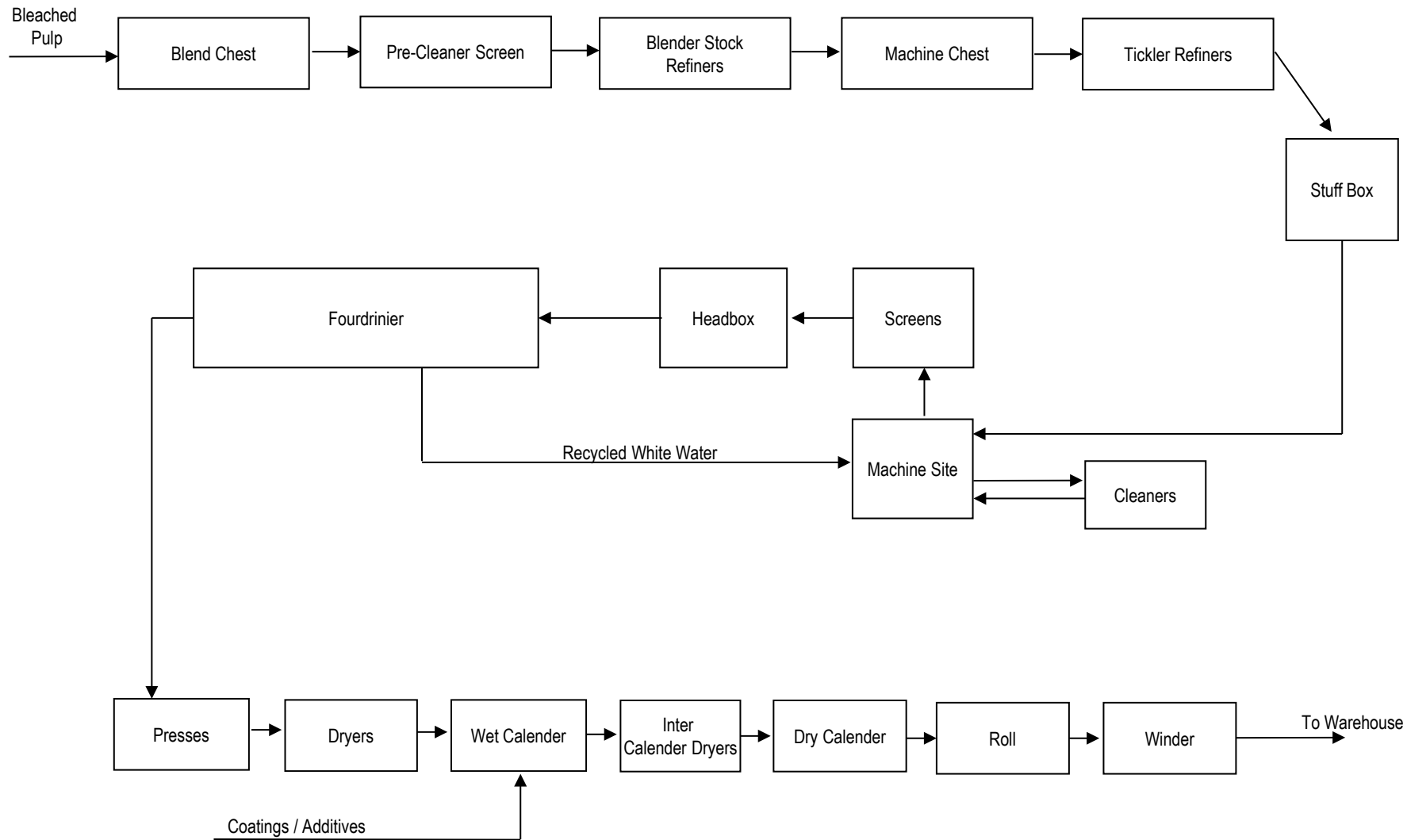
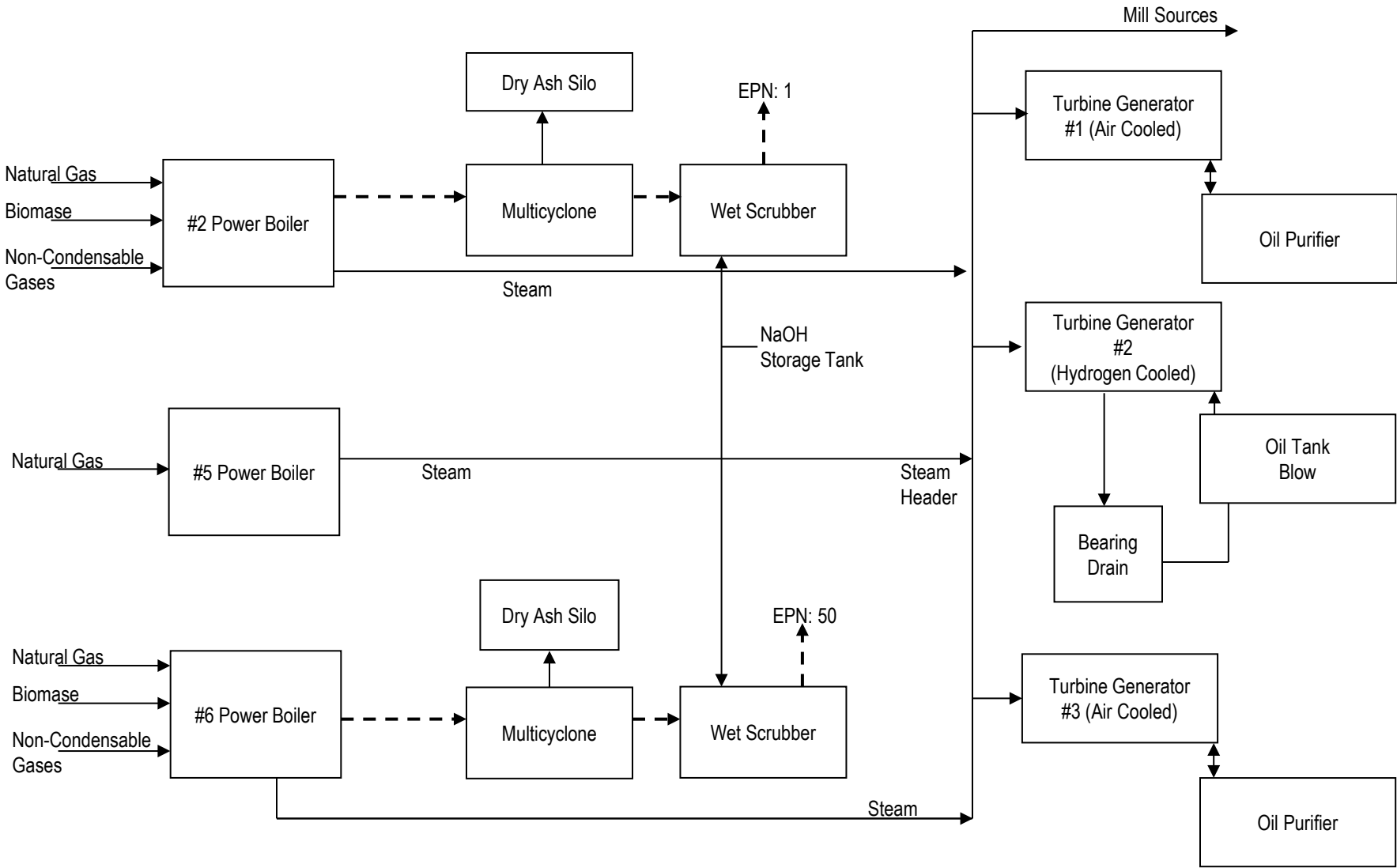


Figure 7-6. Paper Machines Process Flow Diagram



Legend:

- Emissions Flow
- Process Flow

Figure 7-7. Power Boilers Process Flow Diagram

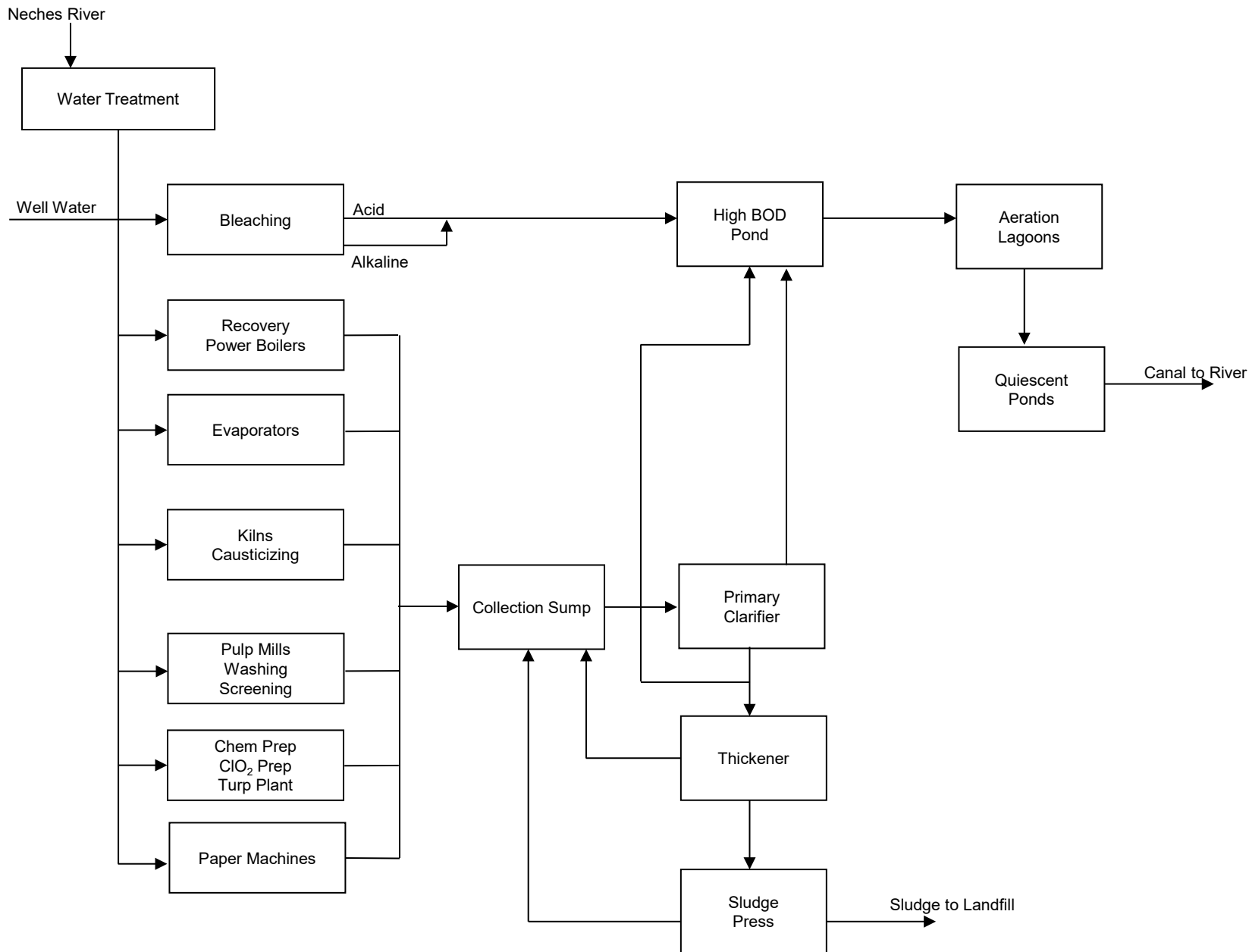


Figure 7-8. Water Treatment Process Flow Diagram

8. Unit Attribute Information

OP-UA2

OP-UA3

OP-UA6

OP-UA15

OP-UA30

OP-UA35

OP-UA44

OP-UA61

**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.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
1K-DRIV	63ZZZZ-01	MAJOR	100-	02-		NORMAL	CI
7K-DRIV	63ZZZZ-01	MAJOR	100-	02-		NORMAL	CI
7M-DRIV	63ZZZZ-01	MAJOR	100-	02-		NORMAL	CI
DF-PMP1	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
DF-PMP2	63ZZZZ-01	MAJOR	250-300	06+		EMER-A	
GEN1	63ZZZZ-01	MAJOR	300-500	02-06		EMER-A	4SLB
WW-PMP1	63ZZZZ-01	MAJOR	100-250	06+		NORMAL	CI
WW-PMP2	63ZZZZ-01	MAJOR	100-250	06+		NORMAL	CI

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
DF-PMP1	60IIII-01	2005+	NONE	FIRE	CON	0706+
DF-PMP2	60IIII-01	2005+	NONE	FIRE	CON	0706+
WW-PMP1	60IIII-01	2005+	NONE	NON	CON	0406+
WW-PMP2	60IIII-01	2005+	NONE	NON	CON	0406+

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
DF-PMP1	60III-01	DIESEL		10-		2009	
DF-PMP2	60III-01	DIESEL		10-		2011	
WW-PMP1	60III-01	DIESEL		10-	NO	2007-	
WW-PMP2	60III-01	DIESEL		10-	NO	2011	

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
DF-PMP1	60IIII-01	F130-368			NO	MANU YES		2650-
DF-PMP2	60IIII-01	F130-368			NO	MANU YES		2650-
WW-PMP1	60IIII-01	130-2237	NO	NO		PURCH		
WW-PMP2	60IIII-01	N75-130	NO	NO		MANU YES		

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels
(Including Petroleum Liquid Storage Vessels)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Product Stored	Storage Capacity	WW Tank Control	Maximum TVP	Storage Vessel Description	AMEL ID No.	Guidepole	Reid Vapor Pressure	Control Device ID No.
30-2602	60Kb-01	VOL	20K-40K	NONE	2.2-4.0	NONE3				

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 6)
Federal Operating Permit Program
Table 3a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	01265	RN102157609

Unit ID No.	SOP Index No.	Construction/Modification Date	Heat Input Capacity	Subpart Da	Changes to Existing Affected Facility	Subpart Ea, Eb, or AAAA	Subpart KKKK	Subpart Cb or BBBB
19-2098	60Db-01	86-97	250+	NO	NO	NO	NO	NO
21-2069	60Db-01A	05+M	250+	NO	NO	NO	NO	NO
21-2069	60Db-01B	05+M	250+	NO	NO	NO	NO	NO
21-2081	60Db-01	86-97	250+	NO	NO	NO	NO	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 7)
Federal Operating Permit Program
Table 3b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP Index No.	D-Series Fuel Type	D-Series Fuel Type	D-Series Fuel Type	Subpart D	Subpart J	Subpart E	ACF Option SO ₂	ACF Option PM	ACF Option NO _x
19-2098	60Db-01	BPW	NG			NO	NO	OTHR	OTHR	F10-MLT
21-2069	60Db-01A	NSNFF	WD	NG		NO	NO	OTHR	30+WD	F10-NGSL
21-2069	60Db-01B	SNFF				NO	NO	OTHR	30+WD	F10-NGSL
21-2081	60Db-01	NG				NO	NO	OTHR	OTHR	OTHR

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 8)
Federal Operating Permit Program
Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP Index No.	60.42b (k)(2) Low Sulfur Exemption	60.42b (k)(4) Alternative	Post-Combustion Control	60.43b(h)(2) Alternative	Electrical or Mechanical Output	Output Based Limit	Steam with Electricity	Electricity Only	60.49 Da(n) Alternative	60.49 Da(m) Alternative
19-2098	60Db-01									NO	NO
21-2069	60Db-01A	YES			NO					NO	NO
21-2069	60Db-01B	YES			NO					NO	NO
21-2081	60Db-01									NO	NO

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 9)
Federal Operating Permit Program
Table 3d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP Index No.	Residual Oil Sampling	Monitoring Type PM	Monitoring Type Opacity	Monitoring Type NO _x	Monitoring Type SO ₂	Technology Type	Unit Type	Heat Release Rate	Heat Input Gas/Oil	Heat Input Wood	Fuel Heat Input
19-2098	60Db-01		NONE	NONE	NONE	NONE	NONE	OTHER	NGLOW			
21-2069	60Db-01A		NONE	NONE	NONE	FLSMP	NONE	SPDSTK	NGLOW		YES	
21-2069	60Db-01B		NONE	NONE	NONE	FLSMP	NONE	SPDSTK	NGLOW		YES	
21-2081	60Db-01		NONE	NONE	CEM	NONE	NONE	OTHER	NGLOW			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 10)
Federal Operating Permit Program
Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP Index No.	Alternate Emission Limit (AEL)	AEL ID. NO.	Facility Type	Monitoring Device	Common Fuel Source
19-2098	60Db-01	NO				
21-2069	60Db-01A					
21-2069	60Db-01B					
21-2081	60Db-01					

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 37)
Federal Operating Permit Program
Table 14a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
21-2069	63DDDDDD-01	EXIST	BM10	BTU-HCL	NONE
21-2081	63DDDDDD-01	EXIST	T3.3G1		
21-2105	63DDDDDD-01	EXIST	BM10	BTU-HCL	NONE

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 38)
Federal Operating Permit Program
Table 14b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	HCl-CD	HCl-Test	HCl-FA	HCl-FloMon	HCl-pHMon
21-2069	63DDDDDD-01	NONE	NPT	FA	NFMS	NPH
21-2081	63DDDDDD-01					
21-2105	63DDDDDD-01	NONE	NPT	FA	NFMS	NPH

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 39)
Federal Operating Permit Program
Table 14c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Hg Emission	Hg-InjRate	Hg-CMS	Hg-CD	Hg-Test	Hg-FA
21-2069	63DDDDDD-01	BTU-HG	NO	NONE	NONE	NPT	HGFA
21-2081	63DDDDDD-01						
21-2105	63DDDDDD-01	BTU-HG	NO	NONE	NONE	NPT	HGFA

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 40)
Federal Operating Permit Program
Table 14d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	BM Subcategory	PM/TSM Emission	TSM-CMS	TSM-Test	TSM-FA
21-2069	63DDDDDD-01	7499(H)	BTU-PM			
21-2081	63DDDDDD-01					
21-2105	63DDDDDD-01	7499(H)	BTU-PM			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 41)
Federal Operating Permit Program
Table 14e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	PM-250	PM-CMS	PM-CD	PM-Test	PM-FM	PM-PMON
21-2069	63DDDDDD-01		PM-CMPS				
21-2081	63DDDDDD-01						
21-2105	63DDDDDD-01		PM-CMPS				

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 42)
Federal Operating Permit Program
Table 14f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Opacity-CD	COMS	OPT-Test
21-2069	63DDDDDD-01			
21-2081	63DDDDDD-01			
21-2105	63DDDDDD-01			

Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 43)
Federal Operating Permit Program
Table 14g: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart DDDDD: Industrial, Commercial, and Institutional Boilers
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	SFF Subcategory	CO Emission	CO-CMS	CO-Test
21-2069	63DDDDDD-01		PPM-CO	NONE	PT
21-2081	63DDDDDD-01				
21-2105	63DDDDDD-01		PPM-CO	NONE	PT

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 1)**

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)

Subchapter A: Visible Emissions

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	01265	RN102157609

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
1	R1111-01	NO		OTHER	NONE	72-	100+
3	R1111-01	NO		OTHER	OPMON	72-	100+
4	R1111-01	NO		OTHER	OPMON	72-	100+
7	R1111-01	NO		OTHER	OPMON	72+	100+
13	R1111-01	NO		OTHER	NONE	72-	100-
26	R1111-01	NO		OTHER	OPMON	72+	100+
43	R1111-01	NO		OTHER	NONE	72+	100-
50	R1111-01	NO		OTHER	NONE	72+	100+
51	R1111-01	NO		OTHER	NONE	72+	100+
5B	R1111-01	NO		OTHER	NONE	72-	100-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 40)**

Federal Operating Permit Program

Table 15: Title 30 Texas Administrative Code Chapter 111 (30 TAC Chapter 111)

Subchapter A, Division 5: Emission Limits on Nonagricultural Processes

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Emission Point ID No.	SOP Index No.	Effective Stack Height
19-2021	R1151-1	NO
19-2025	R1151-1	NO
19-2032	R1151-1	NO
19-2033	R1151-1	NO
19-2098	R1151-1	NO
21-2069	R1151-1	NO
21-2105	R1151-1	NO
24-2082	R1151-1	NO
24-2154	R1151-1	NO

**Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 1)**

Federal Operating Permit Program

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart BB: Standards of Performance for Kraft Pulp Mills**

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Unit ID No.	SOP Index No.	Facility Type	Construction/ Modification Date	Kraft Pulp Combination	Material Origin	Scrubber	Control Device ID No.	Fuel Type
19-2021	60BB-01	SKRFUR	76+	NO				
19-2032	60BB-01	SDTNK	76+	NO		YES		
19-2033	60BB-01	SDTNK	76+	NO		YES		
19-2098	60BB-01	SKRFUR	76+	NO				
24-2082	60BB-01	LKILN	76+	NO			C-829	GAS
24-2082	60BB-02	LKILN	76+	NO			C-829	LIQ
24-2154	60BB-01	LKILN	76+	NO			C-827	GAS
GRPDIG1	60BB-01	DIG	76+	NO				
GRPDIG2	60BB-01	DIG	76+	NO				
GRPEV1	60BB-01	MEES	76+	NO				

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 2)
Federal Operating Permit Program

Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart BB: Standards of Performance for Kraft Pulp Mills

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Unit ID No.	SOP Index No.	Gas Control Technique	Control Device ID No.	Minimum Temperature	Feasibility	Uncontrolled Gas
GRPDIG1	60BB-01	INC/CMB	21-2069, 21-2105	YES		
GRPDIG2	60BB-01	INC/CMB	21-2069, 21-2105	YES		
GRPEV1	60BB-01	INC/CMB	21-2069, 21-2105	YES		

Texas Commission on Environmental Quality
Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
Form OP-UA30 (Page 3)
Federal Operating Permit Program

Table 2: Title 30 Texas Administrative Code Chapter 112 (30 TAC Chapter 112) Control of Total Reduced Sulfur

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Unit ID No.	SOP Index No.	Facility Type	Alternate Emission Limitation	AEL ID No.
19-2025	REG2-01	SDTNK	NO	

Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes

Form OP-UA30 (Page 4)

Federal Operating Permit Program

Table 3a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart MM: National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Unit ID No.	SOP Index No.	Source Type	New or Existing Source	Kraft or Soda Source Alternative	Subject to 40 CFR § 60.282
19-2021	63MM-01	NDCE	EX	NO	
19-2025	63MM-01	SDTNK	EX	NO	
19-2032	63MM-01	SDTNK	EX	NO	
19-2033	63MM-01	SDTNK	EX	NO	
19-2098	63MM-01	NDCE	EX	NO	
24-2082	63MM-01	LKILN	EX	NO	
24-2154	63MM-01	LKILN	EX	NO	

Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes

Form OP-UA30 (Page 5)

Federal Operating Permit Program

Table 3b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart MM: National Emission Standards for Hazardous Air Pollutants for Chemical Recovery

Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Unit ID No.	SOP Index No.	Control System	Control Device ID No.	Alternative Operating Parameter	Alternative ID No.	Subject to 40 CFR Part 63, Subpart S
19-2021	63MM-01	ESP	C-621	NO		NO
19-2025	63MM-01	SCRUB	C-635	NO		NO
19-2032	63MM-01	SCRUB	C-623	NO		NO
19-2033	63MM-01	SCRUB	C-624	NO		NO
19-2098	63MM-01	ESP	C-618, C-620	NO		NO
24-2082	63MM-01	ESP	C-829	NO		NO
24-2154	63MM-01	SCRUB	C-827	NO		NO

**Texas Commission on Environmental Quality
Incinerator Attributes
Form OP-UA35 (Page 7)
Federal Operating Permit Program**

**Table 6: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subpart E: National Emission Standard for Mercury**

Date:	12/20/2024
Permit No.:	O1265
Regulated Entity No.:	RN102157609

Unit ID No.	SOP Index No.	Emission Testing Waiver	Waiver ID No.	Sludge Sampling	Mercury Emissions
21-2069	61E-01	NO		YES	NO
21-2105	61E-01	NO		YES	NO

Municipal Solid Waste Landfill/Waste Disposal Site Attributes
Form OP-UA44 (Page 3)
Federal Operating Permit Program
Table 3: Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)
Subchapter M: National Emission Standard for Asbestos
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

Unit ID No.	SOP/GOP Index No.	Waste Disposal Site	Alternative Control Method	ACM ID No.	Emission Compliance
LF-FUG	61M-01	ACTIV	NO		NOVIS2



Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 1)
Federal Operating Permit Program

Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Process ID No.	SOP Index No.	Process	By-Pass Line	Flow Indicator	Alternative Monitoring	Construction Date
PRO -KRAFT	63S-03	KRAFT	YES	YES	NO	93-
PRO -KRAFT	63S-04	KRAFT	YES	NO	NO	93-
PRO						
PRO						
PRO						
PRO						
PRO						
PRO						
PRO						
PRO						



Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 2)
Federal Operating Permit Program

Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Process ID No.	SOP Index No.	Clean Condensate Alternative	Alternative ID No.	Control Device at a Kraft, Soda, or Semi-Chemical Process	Sulfite Pulping Process
PRO -KRAFT	63S-03	NO		BOIL	
PRO -KRAFT	63S-04	NO		BOIL	
PRO					
PRO					
PRO					
PRO					
PRO					
PRO					
PRO					
PRO					



Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 3)
Federal Operating Permit Program

Table1c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Process ID No.	SOP Index No.	Pulping Process Condensates	Condensate Segregation Method	Condensate Control Tank	Condensate Treatment	Mixed Pond	Daily Monitoring Procedures	Alternative Continuous Monitoring System
PRO -KRAFT	63S-03	CNTRL		YES	PTREAT	YES	453J2	
PRO -KRAFT	63S-04	CNTRL		YES	PTREAT	YES	453J2	
PRO								
PRO								
PRO								
PRO								
PRO								
PRO								
PRO								
PRO								



**Texas Commission on Environmental Quality
Pulp, Paper, or Paperboard Producing Processes Attributes
Form OP-UA61 (Page 4)
Federal Operating Permit Program**

**Table 1d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart S: National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry**

Date: 12/20/2024	Permit No.: O1265	Regulated Entity No.: RN102157609
Area Name: Evadale Mill		Customer Reference No.: CN601549496

Process ID No.	SOP Index No.	Bleaching System	Reduction of Chlorinated HAP Emissions	Monitoring Parameters	Bleaching Plant Provisions	Hypochlorite or Chlorine Bleaching	Method of Reducing Chloroform Air Emissions
PRO -KRAFT	63S-03	YES	VOL	CMS	2001	NO	
PRO -KRAFT	63S-04	YES	VOL	CMS	2001	NO	
PRO							
PRO							
PRO							
PRO							
PRO							
PRO							
PRO							
PRO							

9. Applicable Requirements Information

OP-REQ1

OP-REQ2

OP-REQ3

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.
12/20/2024	O1265	RN102157609

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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 8.	Emissions from units in the application area include contributions from uncombined water.	<input checked="" 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 2)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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 (continued)		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determine 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
<i>If there is any "Yes" response to Questions I.B.1.a - d, answer 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 checked="" 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. <i>If the response to Question I.C.2 is "No," go to Question I.C.4.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 3)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 4)

Federal Operating Permit Program Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 5)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 6)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
◆ 6.	Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	At facilities located in a covered attainment county 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 7)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)		
◆ 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. <i>If the response to Question III.E.8 is "Yes," go to Section III.F.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 9.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 10.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 11.	Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 12.	At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<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)		
◆ 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 8)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 9)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
H. Control of Reid Vapor Pressure (RVP) of Gasoline		
◆ 1.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "No" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
◆ 2.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 4.	The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> Yes <input type="checkbox"/> No
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries		
1.	The application area is located at a petroleum refinery.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
J. Surface Coating Processes (Complete this section for GOP applications only.)		
◆ 1.	Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 10)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 11)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 12)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 "Yes," 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 checked="" type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 13)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 14)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas		
◆ 1.	The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <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>	<input type="checkbox"/> Yes <input type="checkbox"/> NO
◆ 2.	The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Adipic Acid Manufacturing		
1.	The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
1.	The application area is located at, or part of, a nitric acid production unit.	<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		
◆ 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). <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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 15)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 16)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 17)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 18)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "No," go to Section VI.E.</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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 19)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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)		
◆ 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals		
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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2.	One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> Yes <input type="checkbox"/> No
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions		
◆ 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 or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <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>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 20)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 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	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
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. <i>If the response to Question VI.F.1 is "No," go to Section VI.G.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> Yes <input type="checkbox"/> No
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
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. <i>If the response to Question VI.G.1 is "No," go to Section VI.H.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes storm water sewer systems.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 21)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 22)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 23)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 24)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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		
◆ 1.	The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 3.	The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<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.J.4 is "No," go to Section VI.K.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "No," go to Question VI.J.7.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 6.	All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> Yes <input type="checkbox"/> No
◆ 7.	The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 25)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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>	<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)		
◆ 1.	The application area includes equipment in benzene service.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 26)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "No," go to Section VII.F.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Manufacturing Commercial Asbestos	
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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 27)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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.	<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
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	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 28)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> Yes <input type="checkbox"/> No
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3-micron particles.	<input type="checkbox"/> Yes <input type="checkbox"/> No
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 29)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<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.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 30)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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	
Applicability	
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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 31)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
<i>Applicability (continued)</i>	
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
<i>Waste Stream Exemptions</i>	
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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 32)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
<i>Container Requirements</i>	
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
<i>Individual Drain Systems</i>	
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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 33)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
<i>Individual Drain Systems (continued)</i>	
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>	<input type="checkbox"/> 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.	<input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Remediation Activities</i>	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 34)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> Yes <input type="checkbox"/> No
5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "No," go to Section VIII.D.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 35)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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		
Applicability		
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
Vapor Collection and Closed Vent Systems		
6.	Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 36)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 37)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 38)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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>	
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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 39)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 40)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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(1)(1) or (1)(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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 41)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 42)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)		
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "No," go to Question VIII.G.10.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	Emissions screening factor greater than or equal to 0.5, but less than 1.0 ($0.5 \leq \text{ET or EP} < 1.0$). <i>If the response to Question VIII.G.8 is "Yes," go to Section VIII.H.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 43)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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		
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>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4.	The application area includes one or more kraft pulping systems that are existing sources.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5.	The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "No," go to Section VIII.I.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 44)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 45)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)		
5.	All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "Yes," go to Question VIII.J.15.</i>	<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.J.6 is "No," go to Question VIII.J.8.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.	The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<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.J.8 - VIII.J.9 are both "No," go to Question VIII.J.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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 46)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 47)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 48)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 49)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
<i>Applicability (continued)</i>	
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "No," go to Section VIII.O.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "No," go to Question VIII.N.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 50)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
<i>Applicability (continued)</i>	
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 Question VIII.N.13.</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
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<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 checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 51)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 52)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 53)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 54)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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)		
◆ 5.	<p>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
◆ 6.	<p>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
◆ 7.	<p>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
◆ 8.	<p>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
◆ 9.	<p>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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 55)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 56)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 57)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 58)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "No," go to Question VIII.W.20.</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 § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "No," go to Question VIII.W.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<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 Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 59)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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)	
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.	<input type="checkbox"/> Yes <input type="checkbox"/> No
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "No," go to Question VIII.W.54.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 60)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 61)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
35. 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
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No
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>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 62)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 63)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 64)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 65)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 66)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 67)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 68)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 69)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
9. The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. 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.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
11. 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.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
12. 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
13. 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 70)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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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)		
14.	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.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	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.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	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
17.	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.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	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
19.	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
20.	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
21.	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.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
22.	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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 71)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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)	
23. 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
24. 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.24 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
25. 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.25 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. 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
27. 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
28. 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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 72)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (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 checked="" 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 checked="" 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 remediations 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. All site remediation activities are complete, and the Administrator has been notified in writing. <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. 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.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. 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
9. 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.9 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 73)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

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)		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	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.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	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
18.	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
19.	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
20.	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
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 74)

**Federal Operating Permit Program
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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

VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
DD. Subpart YYYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. Metallic scrap is utilized in the EAF.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. Scrap containing motor vehicle scrap is utilized in the EAF.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. Scrap not containing motor vehicle scrap is utilized in the EAF.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 75)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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

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)		
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

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 76)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆ 2.	Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	
Subpart DDDDD, Subpart ZZZZ		

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 77)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions		
A. Applicability		
◆ 1.	The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone		
A. Subpart A - Production and Consumption Controls		
◆ 1.	The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners		
◆ 1.	Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances		
◆ 1.	The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement		
◆ 1.	The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances		
◆ 1.	The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 2.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 3.	The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<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 78)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 79)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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XI. Miscellaneous (continued)	
B. Forms	
◆ 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>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A
◆ 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	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "Yes," please include a copy of the approval document with the application.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "Yes," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 80)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 81)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 82)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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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 checked="" 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 <input type="checkbox"/> N/A
◆ 3.	The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 83)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 5.	The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO _x and is subject to 101.351(c).	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6.	The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆ 7.	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 checked="" type="checkbox"/> No
◆ 8.	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 checked="" 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. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 84)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

Application Area-Wide Applicability Determinations and General Information

Form OP-REQ1 (Page 85)

Federal Operating Permit Program

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

For SOP applications, answer ALL questions unless otherwise directed.

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

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.
12/20/2024	O1265	RN102157609

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 type="checkbox"/> Yes <input checked="" 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 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 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 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 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 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 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 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 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 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.
12/20/2024	O1265	RN102157609

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 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 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 88)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSDTX785M7	03/19/2019	NO _x , VOC, CO, PM ₁₀ , SO ₂			

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.

F. Nonattainment (NA) Permits and NA Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):

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.

G. NSR Authorizations with FCAA § 112(g) Requirements

NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date	NSR Permit No.	Issuance Date

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

♦ **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
20365	03/19/2019				

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 90)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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

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

- ◆ **I. Permits by Rule (30 TAC Chapter 106) for the Application Area**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

PBR No.	Version No./Date:
106.261	09/04/2000
106.261	11/01/2003
106.262	09/04/2000
106.262	11/01/2003
106.263	11/01/2001
106.264	03/14/1997
106.317	09/04/2000
106.371	03/14/1997
106.371	09/04/2000
106.433	09/04/2000
106.452	09/04/2000
106.472	09/04/2000
106.473	09/04/2000
106.474	09/04/2000
106.511	09/04/2000
106.512	06/13/2001
106.532	09/04/2000
7	10/04/1995
51	05/04/1994
118	05/04/1994
118	06/07/1996

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 91)
Federal Operating Permit Program
Texas Commission on Environmental Quality

◆ **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

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		77	OP-REQ2	40 CFR Part 60, Subpart BB	60.281(e)	Diffusion washers are excluded from the definition of brown stock washer systems and therefore are not affected facilities.
		78	OP-REQ2	40 CFR Part 60, Subpart BB	60.281(e)	Diffusion washers are excluded from the definition of brown stock washer systems and therefore are not affected facilities.
		17-2007	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
<i>A</i>	<i>8</i>	<i>17-2007</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.110c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		19-2021	<i>OP-UA15</i> <i>OP-UA30</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart D	See EPA applicability determination Control Number NB01 dated 6/15/1990	Kraft recovery boiler that maintains an annual fossil fuel capacity factor of less than or equal to 10% is not subject to 40 CFR Part 60, Subpart D. (See EPA applicability determination Control Number NB01 dated 6/15/1990)
		19-2021	<i>OP-UA15</i> <i>OP-UA30</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart Db	60.40b(a)	Construction, modification, or reconstruction commenced before June 19, 1984.
		19-2021	<i>OP-UA15</i> <i>OP-UA30</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart Dc	60.40c(a)	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		19-2025	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		19-2025	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
		19-2025	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b	Tank does not meet the definition of process tank (i.e. excluded from the definition of storage vessel) in §60.111b and as such is not an affected source of 40 CFR 60, Subpart Kb.
<i>A</i>	<i>8</i>	<i>19-2025</i>	<i>OP-UA15</i> <i>OP-UA30</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.110c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		19-2025	OP-UA15 OP-UA30	40 CFR Part 60, Subpart BB	60.280(b)	Smelt dissolving tank was constructed before 9/24/76 and has not been modified later than 9/24/76.
		19-2032	OP-UA15 OP-UA30	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		19-2032	OP-UA15 OP-UA30	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		19-2032	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b	Tank does not meet the definition of process tank (i.e. excluded from the definition of storage vessel) in §60.111b and as such is not an affected source of 40 CFR 60, Subpart Kb.
<i>A</i>	<i>8</i>	<i>19-2032</i>	<i>OP-UA15</i> <i>OP-UA30</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.110c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		19-2033	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		19-2033	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
		19-2033	<i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b	Tank does not meet the definition of process tank (i.e. excluded from the definition of storage vessel) in §60.111b and as such is not an affected source of 40 CFR 60, Subpart Kb.
<i>A</i>	<i>8</i>	<i>19-2033</i>	<i>OP-UA15</i> <i>OP-UA30</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.110c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		19-2098	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA30</i> OP-REQ2	40 CFR Part 60, Subpart D	TCEQ Rule Interpretation 60D.004	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		19-2098	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA30</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart Dc	60.40c(a)	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
		1K-DRIV	<i>OP-UA2</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart IIII	60.4200(a)(2), (a)(3)	Engine is a stationary compression ignition internal combustion engine that commenced construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
		21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart CCCC	60.2010(b), 60.2265	Boiler does not combust any solid waste as defined in 40 CFR Part 241.
		21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart D	TCEQ Rule Interpretation 60D.004	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).
		21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> <i>OP-REQ2</i>	40 CFR Part 60, Subpart Dc	60.40c(a)	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 63, Subpart JJJJJ	63.11193	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).
		21-2081	<i>OP-UA6</i> OP-REQ2	40 CFR Part 60, Subpart CCCC	60.2010(b), 60.2265	Boiler does not combust any solid waste as defined in 40 CFR Part 241.
		21-2081	<i>OP-UA6</i> OP-REQ2	40 CFR Part 60, Subpart D	TCEQ Rule Interpretation 60D.004	The unit has a heat input of greater than 250 MMBtu/hr and commenced construction, modification, or reconstruction after June 19, 1986 (i.e., affected source of 40 CFR 60, Subpart Db).
		21-2081	<i>OP-UA6</i> OP-REQ2	40 CFR Part 60, Subpart Dc	60.40c(a)	Steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).
		21-2081	<i>OP-UA6</i> OP-REQ2	40 CFR Part 63, Subpart JJJJJ	63.11193	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).
		21-2105	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 60, Subpart CCCC	60.2010(b), 60.2265	Boiler does not combust any solid waste as defined in 40 CFR Part 241.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		21-2105	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 60, Subpart D	60.40(c)	Boiler was constructed before 8/17/1971 and has not been modified later than 8/17/1971.
		21-2105	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 60, Subpart Db	60.40b(a)	Construction, modification, or reconstruction commenced before June 19, 1984.
		21-2105	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 60, Subpart Dc	60.40c(a)	Construction, modification, or reconstruction commenced before June 9, 1989, <i>and steam generating unit with a maximum design heat input capacity of greater than 29 MW (100 MMBtu/hr).</i>
		21-2105	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-REQ2	40 CFR Part 63, Subpart JJJJJ	63.11193	The Evadale Mill is a major source of HAP (i.e., not an area source of HAP).

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
<i>A</i>	<i>5</i>	<i>40-2700</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart K</i>	<i>60.110(c)</i>	<i>Tank does not store petroleum liquid.</i>
<i>A</i>	<i>5</i>	<i>40-2700</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Ka</i>	<i>60.110a(a)</i>	<i>Tank does not store petroleum liquid.</i>
<i>A</i>	<i>5</i>	<i>40-2700</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kb</i>	<i>60.110b(a)</i>	<i>Tank does not store volatile organic liquids.</i>
<i>A</i>	<i>5</i>	<i>40-2700</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.110c(a)</i>	<i>Tank does not store volatile organic liquids.</i>
		705760-210	OP-REQ2	40 CFR Part 60, Subpart K	60.110(c)	Tank constructed after 5/16/1978.
		705760-210	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank constructed after 7/23/1984.
		705760-210	OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b(a)	Tank capacity is less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>705760-210</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity is less than 75.7 cubic meters (20,000 gal).</i>

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		71-2422	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	The tank does not store gasoline and is located in a covered attainment county.
		71-2422	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank capacity is less than 151,412 liters (40,000 gal).
		71-2422	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank capacity is less than 151,416 liters (40,000 gal).
		71-2422	OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>71-2422</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity is less than 75.7 cubic meters (20,000 gal).</i>
		7K-DRIV	OP-REQ2 <i>OP-UA2</i>	40 CFR Part 60, Subpart IIII	60.4200(a)(2), (a)(3)	Engine is a stationary compression ignition internal combustion engine that commenced construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
		7M-DRIV	OP-REQ2 <i>OP-UA2</i>	40 CFR Part 60, Subpart IIII	60.4200(a)(2), (a)(3)	Engine is a stationary compression ignition internal combustion engine that commenced construction before 7/11/2005 and has not been modified or reconstructed later than 7/11/2005.
		80-2865	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	The tank does not store gasoline and is located in a covered attainment county.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		80-2865	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		80-2865	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
		80-2865	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
<i>A</i>	<i>8</i>	<i>80-2865</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		80-2867	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	The tank does not store gasoline and is located in a covered attainment county.
		80-2867	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		80-2867	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
		80-2867	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing a liquid with a maximum true vapor pressure less than 15.0 kPa.
<i>A</i>	<i>8</i>	<i>80-2867</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		80-2869	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	The tank does not store gasoline and is located in a covered attainment county.
		80-2869	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank does not store petroleum liquid.
		80-2869	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
		80-2869	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(b)	Tank with a capacity greater than or equal to 75 cubic meters (19,812 gal) but less than 151 cubic meters (39,890 gal) storing liquid with a maximum true vapor pressure less than 15.0 kPa.
<i>A</i>	<i>8</i>	<i>80-2869</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.</i>
		DIESELLOAD	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Located in Jasper County and transferring of VOC other than gasoline.
		E4-WASH	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>E4-WASH</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity is less than 75.7 cubic meters (20,000 gal).</i>
		E5-POLY	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>E5-POLY</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity is less than 75.7 cubic meters (20,000 gal).</i>

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		FL-SCAL	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>FL-SCAL</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity is less than 75.7 cubic meters (20,000 gal).</i>
		GASLOAD	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(5)	Motor vehicle fuel dispensing facility, as defined in §101.1 are exempt from 30 TAC Chapter 115, Subchapter C, Division 1.
		GEN1	OP-UA2 OP-REQ2	40 CFR Part 60, Subpart JJJJ	60.4230(a)(4), (a)(5)	Engine is a stationary spark ignition internal combustion engine that was constructed before 6/12/2006 and has not been modified or reconstructed later than 6/12/2006.
		GRPCOOL	OP-REQ2	40 CFR Part 63, Subpart Q	63.400(a)	Cooling tower is not operated with chromium-based water treatment chemicals.
		GRPDIG2	OP-UA30 OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tanks do not store petroleum liquids.
		GRPDIG2	OP-UA30 OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tanks do not store petroleum liquids.
		GRPDIG2	OP-UA30 OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b	Tanks meet the definition of process tanks (i.e., excluded from the definition of storage vessels) in §60.111b and as such, are not affected sources of 40 CFR 60, Subpart Kb.
<i>A</i>	<i>8</i>	<i>GRPDIG2</i>	<i>OP-UA30</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.</i>

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		GRPEV2	OP-REQ2	40 CFR Part 60, Subpart BB	60.280(b)	Multiple-effect evaporator system was constructed before 9/24/76 and has not been modified later than 9/24/76.
		GRPTK01	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tanks do not store petroleum liquids.
		GRPTK01	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tanks do not store petroleum liquids.
		GRPTK01	OP-REQ2	40 CFR Part 60, Subpart Kb	60.111b	Tanks meet the definition of process tanks (i.e., excluded from the definition of storage vessels) in §60.111b and as such, are not affected sources of 40 CFR 60, Subpart Kb.
<i>A</i>	<i>8</i>	<i>GRPTK01</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.</i>
		GRPTK02	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tank capacity is less than 151,412 liters (40,000 gal).
		GRPTK02	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank capacity is less than 151,416 liters (40,000 gal).
		GRPTK02	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>GRPTK02</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity less than 75.7 cubic meters (20,000 gal).</i>
		GRPTK03	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tanks do not store petroleum liquids.
		GRPTK03	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tanks do not store petroleum liquids.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		GRPTK03	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>GRPTK03</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity less than 75.7 cubic meters (20,000 gal).</i>
		GRPTK04	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tanks do not store petroleum liquids.
		GRPTK04	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tanks do not store petroleum liquids.
		GRPTK04	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tanks were constructed before 07/23/1984 and have not been modified later than 07/23/1984.
<i>A</i>	<i>8</i>	<i>GRPTK04</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tanks were constructed before 10/4/2023 and have not been modified later than 10/4/2023.</i>
		GRPTK05	OP-REQ2	40 CFR Part 60, Subpart K	60.110(a)	Tanks do not store petroleum liquids.
		GRPTK05	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tanks do not store petroleum liquids.
		GRPTK05	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank capacity less than 75 cubic meters (19,812 gal).
<i>A</i>	<i>8</i>	<i>GRPTK05</i>	<i>OP-REQ2</i>	<i>40 CFR Part 60, Subpart Kc</i>	<i>60.111c(a)</i>	<i>Tank capacity less than 75.7 cubic meters (20,000 gal).</i>
		MEOHLOAD	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Located in Jasper County and transferring of VOC other than gasoline.

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

Date	Permit No.	Regulated Entity No.
12/20/2024	O1265	RN102157609

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
		SOAPLOAD	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Located in Jasper County and transferring of VOC other than gasoline.
		TURPLOAD	OP-REQ2	30 TAC Chapter 115, Loading and Unloading of VOC	115.217(b)(1)	Located in Jasper County and transferring of VOC other than gasoline.
A	8	30-2602	OP-UA3	40 CFR Part 60, Subpart Kc	60.110c(a)	Tank was constructed before 10/4/2023 and has not been modified later than 10/4/2023.
A	18	30-2606	OP-REQ2	40 CFR Part 60, Subpart K	60.110(c)	Tank does not store petroleum liquid.
A	18	30-2606	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
A	18	30-2606	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank does not store volatile organic liquids.
A	18	30-2606	OP-REQ2	40 CFR Part 60, Subpart Kc	60.110c(a)	Tank does not store volatile organic liquids.
A	18	30-2603	OP-REQ2	40 CFR Part 60, Subpart K	60.110(c)	Tank does not store petroleum liquid.
A	18	30-2603	OP-REQ2	40 CFR Part 60, Subpart Ka	60.110a(a)	Tank does not store petroleum liquid.
A	18	30-2603	OP-REQ2	40 CFR Part 60, Subpart Kb	60.110b(a)	Tank does not store volatile organic liquids.
A	18	30-2603	OP-REQ2	40 CFR Part 60, Subpart Kc	60.110c(a)	Tank does not store volatile organic liquids.

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	1	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§111.111(a)(1)(C), 111.111(a)(1)(E)
	3	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A), 111.111(a)(1)(C), 111.111(a)(1)(E)
	4	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A), 111.111(a)(1)(C), 111.111(a)(1)(E)
	7	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B), 111.111(a)(1)(C), 111.111(a)(1)(E)
	13	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A), 111.111(a)(1)(E)
	26	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B), 111.111(a)(1)(C), 111.111(a)(1)(E)
	43	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(B), 111.111(a)(1)(E)
	50	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C), 111.111(a)(1)(E)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	51	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C), 111.111(a)(1)(E)
	19-2021	OP-UA15 OP-UA30	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	19-2021	OP-UA15 OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)
	19-2021	OP-UA15 OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)
	19-2021	OP-UA15 OP-UA30	60BB-01	Opacity	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)
	19-2021	OP-UA15 OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(i), 63.864(k)(3)
	19-2025	OP-UA15 OP-UA30	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	19-2025	OP-UA15 OP-UA30	REG2-01	TRS	30 TAC Chapter 112, Sulfur Compounds	§ 112.51(b)(4)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	19-2025	<i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3)
	19-2032	OP-UA15 <i>OP-UA30</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	19-2032	<i>OP-UA15</i> OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(2)
	19-2032	<i>OP-UA15</i> OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§60.283(a)(4)
	19-2032	<i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3)
	19-2033	OP-UA15 <i>OP-UA30</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	19-2033	<i>OP-UA15</i> OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(2)
	19-2033	<i>OP-UA15</i> OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(4)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	19-2033	<i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(B), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3)
	19-2098	<i>OP-UA6</i> OP-UA15 <i>OP-UA30</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	19-2098	<i>OP-UA6</i> <i>OP-UA15</i> OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(i)
	19-2098	<i>OP-UA6</i> <i>OP-UA15</i> OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(2)
	19-2098	<i>OP-UA6</i> <i>OP-UA15</i> OP-UA30	60BB-01	Opacity	40 CFR Part 60, Subpart BB	§ 60.282(a)(1)(ii)
	19-2098	OP-UA6 <i>OP-UA15</i> <i>OP-UA30</i>	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	19-2098	OP-UA6 <i>OP-UA15</i> <i>OP-UA30</i>	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	19-2098	OP-UA6 <i>OP-UA15</i> <i>OP-UA30</i>	60Db-01	Opacity	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	<i>19-2098</i>	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA30</i>	<i>60Db-01</i>	<i>NOx</i>	<i>40 CFR Part 60, Subpart Db</i>	<i>§ 60.40b(a)</i>
	19-2098	<i>OP-UA6</i> <i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(A), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(i), 63.864(k)(3)
	1K-DRIV	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.2, 63.6595(a)(1), 63.6605(a), 63.6605(b), 63.6625(e), 63.6625(h), 63.6625(i)
	21-2069	<i>OP-UA6</i> OP-UA15 <i>OP-UA35</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01A	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01A	PM	40 CFR Part 60, Subpart Db	§ 60.43b(h)(4), 60.43b(e), 60.43b(g), 60.46b(a)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01A	Opacity	40 CFR Part 60, Subpart Db	§ 60.43b(f), 60.43b(g), 60.46b(a)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01B	SO ₂	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01B	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01B	Opacity	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	21-2069	OP-UA6 <i>OP-UA15</i> <i>OP-UA35</i>	60Db-01B	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i>	61E-01	Mercury	40 CFR Part 61, Subpart E	§ 61.52(b), 61.54(e)
6	21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i> OP-UA1	63DDDDD-01	<i>HCl</i> HAPs	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.1.a 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(3), (a)(4), [G] (a)(10), (a)(13), (d) § 63.7505
6	21-2069	<i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i>	63DDDDD-01	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(2), 63.7500(a)(1)-Table 2.1.b 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(5), [G] (a)(10), (a)(13), (d)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
6	21-2069	OP-UA6 OP-UA15 OP-UA35	63DDDDD-01	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.13.a 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(2)-Table 4.8, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(10), (a)(13), (d)
6	21-2069	OP-UA6 OP-UA15 OP-UA35	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.13.b 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), [G] (d)(1), (e), 63.7530(h), 63.7540(a), (a)(1), (a)(9), [G] (a)(10), (a)(13), (d)
	21-2081	OP-UA6	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	21-2081	OP-UA6	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)
	21-2081	OP-UA6	60Db-01	Opacity	40 CFR Part 60, Subpart Db	§60.40b(a)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	21-2081	OP-UA6	60Db-01	NOx	40 CFR Part 60, Subpart Db	§ 60.44b(a)(1)(i), 60.44b(h), 60.44b(i), 60.46b(a)
6	21-2081	OP-UA1 <i>OP-UA6</i>	63DDDDDD-01	HAPs	40 CFR Part 63, Subpart DDDDD	§ 63.7505 <i>§ 63.7500(a)(1)-Table 3.3, 63.7500(a)(1), (a)(3), 63.7505(a), 63.7540(a), [G] (a)(10), (a)(13)</i>
	21-2105	OP-UA15 <i>OP-UA6</i> <i>OP-UA35</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	21-2105	OP-UA35 <i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i>	61E-01	Mercury	40 CFR Part 61, Subpart E	§ 61.52(b), 61.54(e)
6	21-2105	OP-UA1 <i>OP-UA6</i> <i>OP-UA15</i> <i>OP-UA35</i>	63DDDDDD-01	HAPs <i>HCl</i>	40 CFR Part 63, Subpart DDDDD	§ 63.7505 <i>§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.1.a 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(3), (a)(4), [G] (a)(10), (a)(13), (d)</i>

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
6	21-2105	OP-UA6 OP-UA15 OP-UA35	63DDDDD-01	Mercury	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(2), 63.7500(a)(1)-Table 2.1.b 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(5), [G] (a)(10), (a)(13), (d)
6	21-2105	OP-UA6 OP-UA15 OP-UA35	63DDDDD-01	CO	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.13.a 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(2)-Table 4.8, 63.7500(a)(3), (f), 63.7505(a), (d), (e), 63.7530(h), 63.7540(a), (a)(1), [G] (a)(10), (a)(13), (d)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
6	21-2105	OP-UA6 OP-UA15 OP-UA35	63DDDDD-01	PM	40 CFR Part 63, Subpart DDDDD	§ 63.7500(a)(1), 63.7500(a)(1)-Table 2.13.b 1, 63.7500(a)(1)-Table 3.3, [G] 63.7500(a)(1)-Table 3.5, 63.7500(a)(1)-Table 3.6, 63.7500(a)(2), 63.7500(a)(2)-Table 4.7, 63.7500(a)(3), (f), 63.7505(a), (d), [G] (d)(1), (e), 63.7530(h), 63.7540(a), (a)(1), (a)(9), [G] (a)(10), (a)(13), (d)
	24-2082	OP-UA15 OP-UA30	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	24-2082	OP-UA15 OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(i)
	24-2082	OP-UA15 OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(5)
	24-2082	OP-UA15 OP-UA30	60BB-02	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(ii)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	24-2082	<i>OP-UA15</i> OP-UA30	60BB-02	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(5)
	24-2082	<i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(ii), 63.864(k)(3)
	24-2154	OP-UA15 <i>OP-UA30</i>	R1151-1	PM	30 TAC Chapter 111, Nonagricultural Processes	§ 111.151(a), 111.151(c)
	24-2154	<i>OP-UA15</i> OP-UA30	60BB-01	PM	40 CFR Part 60, Subpart BB	§ 60.282(a)(3)(i)
	24-2154	<i>OP-UA15</i> OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(5)
	24-2154	<i>OP-UA15</i> OP-UA30	63MM-01	PM	40 CFR Part 63, Subpart MM	§ 63.862(a)(1)(i)(C), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3)
	30-2602	OP-UA3	60Kb-01	VOC	40 CFR Part 60, Subpart Kb	§ 60.110b(a)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
	5B	OP-UA15	R1111-01	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(A), 111.111(a)(1)(E)
	7K-DRIV	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.2, 63.6595(a)(1), 63.6605(a), 63.6605(b), 63.6625(e), 63.6625(h), 63.6625(i)
	7M-DRIV	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table2c.2, 63.6595(a)(1), 63.6605(a), 63.6605(b), 63.6625(e), 63.6625(h), 63.6625(i)
1	DF-PMP1	OP-UA2	60IIII-01	NMHC / NOx	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 10 , 60.4206, 60.4207(b), [G] 60.4211(a), 60.4211(c), [G] 60.4211(f), 60.4218
1	DF-PMP1	OP-UA2	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 28 , 60.4206, 60.4207(b), [G] 60.4211(a), 60.4211(c), [G] 60.4211(f), 60.4218
	DF-PMP1	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)
1	DF-PMP2	OP-UA2	60IIII-01	NMHC / NOx	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 10 , 60.4206, 60.4207(b), [G] 60.4211(a), 60.4211(c), [G] 60.4211(f), 60.4218

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/Processes ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
1	DF-PMP2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart III	§ 60.4205(c)-Table 4 28 , 60.4206, 60.4207(b), [G] 60.4211(a), 60.4211(c), [G] 60.4211(f), 60.4218
	DF-PMP2	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)
	GEN1	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6602-Table 2c.6, 63.6595(a)(1), 63.6605(a), 63.6605(b), 63.6625(e), 63.6625(h), 63.6625(j), 63.6640(f)(1), 63.6640(f)(2), 63.6640(f)(2)(i), 63.6640(f)(3)
	GRPDIG1	OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)
	GRPDIG2	OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)
	GRPEV1	OP-UA30	60BB-01	TRS	40 CFR Part 60, Subpart BB	§ 60.283(a)(1)(iii)
	LF-FUG	OP-UA44	61M-01	HAPs	40 CFR Part 61, Subpart M	§ 61.154(a), [G] 61.154(b), 61.154(e)(3), 61.154(g)

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
1	PROKRAFT	OP-UA61	63S-03	HAPs	40 CFR Part 63, Subpart S	§ 63.443(a), 63.443(c), 63.443(d)(4), 63.443(d)(4)(i), [G] 63.443(e), 63.446(c)(1), 63.446(d), 63.446(d)(1), [G] 63.446(d)(2), 63.446(e)(2), 63.446(e)(3), 63.450(b), 63.450(c), 63.450(d)(1), 63.445(a), 63.445(b), 63.445(c)(2), 63.445(d)(2) 63.450(e)
	PROKRAFT	OP-UA61	63S-04	HAPs	40 CFR Part 63, Subpart S	§ 63.443(a), 63.443(c), 63.443(d)(4), 63.443(d)(4)(i), [G] 63.443(e), 63.446(c)(1), 63.446(d), 63.446(d)(1), [G] 63.446(d)(2), 63.446(e)(2), 63.446(e)(3), 63.450(b), 63.450(c), 63.445(a), 63.445(b), 63.445(c)(2), 63.445(d)(2), 63.450(b), 63.450(c), 63.450(d)(2)
1	WW-PMP1	OP-UA2	60IIII-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 8 , 60.4206, 60.4207(b), 60.4211(b), 60.4211(b)(1), 60.4218

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
1	WW-PMP1	OP-UA2	60III-01	Hydrocarbons	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 4 , 60.4206, 60.4207(b), 60.4211(b), 60.4211(b)(1), 60.4218
1	WW-PMP1	OP-UA2	60III-01	NOx	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 3 , 60.4206, 60.4207(b), 60.4211(b), 60.4211(b)(1), 60.4218
1	WW-PMP1	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(a)-Table 1 II , 60.4206, 60.4207(b), 60.4211(b), 60.4211(b)(1), 60.4218
	WW-PMP1	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)
1	WW-PMP2	OP-UA2	60III-01	CO	40 CFR Part 60, Subpart IIII	§ 60.4204(b) 21 , 60.4201(a), 89-112(a) , 60.4206, 60.4207(b), 60.4211(c), [G] 60.4211(a), 1039-Appendix I

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

Table 1a: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

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)
1	WW-PMP2	OP-UA2	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4204(b) 32 , 60.4201(a), 89.112(a) , 60.4206, 60.4207(b), 60.4211(c), [G] 60.4211(a), 60.4218 , 1039-Appendix I
1	WW-PMP2	OP-UA2	60III-01	NMHC / NO _x	40 CFR Part 60, Subpart IIII	§ 60.4204(b) 9 , 60.4201(a), 89.112(a) , 60.4206, 60.4207(b), 60.4218 , 60.4211(c), [G] 60.4211(a), 1039-Appendix I
1	WW-PMP2	OP-UA2	60III-01	Opacity	40 CFR Part 60, Subpart IIII	§ 60.4204(b) 39 , 60.4201(a), 89.113(a)(1)-(3) , 60.4206, 60.4207(b), 60.4218 , 60.4211(c), [G] 60.4211(a), 1039.105(b)(1)-(3)
	WW-PMP2	OP-UA2	63ZZZZ-01	HAPs	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	1	R1111-01	Opacity	[G]§ 111.111(a)(1)(F)	None	None
	3	R1111-01	Opacity	§ 111.111(a)(1)(D), [G] 111.111(a)(1)(F)	§ 111.111(a)(1)(C), 111.111(a)(1)(D)	None
	4	R1111-01	Opacity	§ 111.111(a)(1)(D), [G] 111.111(a)(1)(F)	§ 111.111(a)(1)(C), 111.111(a)(1)(D)	None
	7	R1111-01	Opacity	§ 111.111(a)(1)(D), [G] 111.111(a)(1)(F)	§ 111.111(a)(1)(C), 111.111(a)(1)(D)	None
	13	R1111-01	Opacity	[G]§ 111.111(a)(1)(F)	None	None
	26	R1111-01	Opacity	§ 111.111(a)(1)(D), [G] 111.111(a)(1)(F)	§ 111.111(a)(1)(C), 111.111(a)(1)(D)	None
	43	R1111-01	Opacity	[G]§ 111.111(a)(1)(F)	None	None
	50	R1111-01	Opacity	[G]§ 111.111(a)(1)(F)	None	None
	51	R1111-01	Opacity	[G]§ 111.111(a)(1)(F)	None	None
	19-2021	R1151-1	PM	None	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	19-2021	60BB-01	PM	§ 60.285(a), 60.285(b), 60.285(b)(1), 60.285(b)(2), 60.285(f)(1)	None	None
	19-2021	60BB-01	TRS	§ 60.284(a), [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3), 60.284(d), 60.284(d)(1)(i), [G]§ 60.284(e), 60.284(f), 60.285(a), 60.285(d)(1), 60.285(d)(2), 60.285(d)(3), 60.285(f)(2)	§ [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3)	§ 60.284(d), 60.284(d)(1)(i)
	19-2021	60BB-01	Opacity	§ 60.284(a), 60.284(a)(1), 60.284(d), 60.284(d)(1)(ii), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(b), 60.285(b)(3)	§ 60.284(a)(1)	§ 60.284(d), 60.284(d)(1)(ii)
	19-2021	63MM-01	PM	§ 63.864(d), 63.864(d)(3), 63.864(d)(4), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(i), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(d)(3), 63.864(d)(4), 63.866(a) [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(1), 63.866(c)(3), 63.866(c)(4)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iv), 63.867(c), 63.867(c)(1)
	19-2025	R1151-1	PM	None	None	None
	19-2025	REG2-01	TRS	§ 112.51(c), 112.55, [G] 112.57(a), [G] 112.57(b), [G] 112.57(c)	§ [G] 112.57(c)	§ 112.59

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	19-2025	63MM-01	PM	§ 63.864(e)(10), 63.864(e)(10)(i), 63.864(e)(10)(ii), [G] 63.864(j), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(e)(10), 63.866(a), [G] 63.866(a)(1), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(3), 63.866(c)(4), 63.866(c)(5)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iii), 63.867(c), 63.867(c)(1)
	19-2032	R1151-1	PM	None	None	None
	19-2032	60BB-01	PM	§ 60.285(a), [G] 60.285(c), 60.285(f)(1)	None	None
	19-2032	60BB-01	TRS	§ 60.284(b), [G] 60.284(b)(2), 60.284(c)(4), 60.284(f), 60.285(a), [G] 60.285(e), 60.285(f)(2)	§ 60.284(c)(4)	None
	19-2032	63MM-01	PM	§ 63.864(e)(10), 63.864(e)(10)(i), 63.864(e)(10)(ii), [G] 63.864(j), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(e)(10), 63.866(a), [G] 63.866(a)(1), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(3), 63.866(c)(4), 63.866(c)(5)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iii), 63.867(c), 63.867(c)(1)
	19-2033	R1151-1	PM	None	None	None
	19-2033	60BB-01	PM	§ 60.285(a), [G] 60.285(c), 60.285(f)(1)	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	19-2033	60BB-01	TRS	§ 60.284(b), [G] 60.284(b)(2), 60.284(c)(4), 60.284(f), 60.285(a), [G] 60.285(e), 60.285(f)(2)	§ 60.284(c)(4)	None
	19-2033	63MM-01	PM	§ 63.864(e)(10), 63.864(e)(10)(i), 63.864(e)(10)(ii), [G] 63.864(j), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(e)(10), 63.866(a), [G] 63.866(a)(1), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(3), 63.866(c)(4), 63.866(c)(5)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iii), 63.867(c), 63.867(c)(1)
	19-2098	R1151-1	PM	None	None	None
	19-2098	60BB-01	PM	§ 60.285(a), 60.285(b), 60.285(b)(1), 60.285(b)(2), 60.285(f)(1)	None	None
	19-2098	60BB-01	TRS	§ 60.284(a), [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3), 60.284(d), 60.284(d)(1)(i), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(d)(1), 60.285(d)(2), 60.285(d)(3), 60.285(f)(2)	§ [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3)	§ 60.284(d), 60.284(d)(1)(i)
	19-2098	60BB-01	Opacity	§ 60.284(a), 60.284(a)(1), 60.284(d), 60.284(d)(1)(ii), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(b), 60.285(b)(3)	§ 60.284(a)(1)	§ 60.284(d), 60.284(d)(1)(ii)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	19-2098	60Db-01	SO ₂	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	19-2098	60Db-01	PM	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	19-2098	60Db-01	Opacity	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	19-2098	60Db-01	NO_x	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1)-60.49b(a)(3)
	19-2098	63MM-01	PM	§ 63.864(d), 63.864(d)(3), 63.864(d)(4), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(i), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(d)(3), 63.864(d)(4), 63.866(a), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(1), 63.866(c)(3), 63.866(c)(4)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iv), 63.867(c), 63.867(c)(1)
1	1K-DRIV	63ZZZZ-01	HAPs	§ 63.6625(i), 63.6640(a), 63.6640(a)-Table 6.9.a.i, 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i), 63.6655(d) , 63.6655(e), 63.6660(a), 63.6660(b), 63.6660(c)	§ 63.6640(e), 63.6650(f)
	21-2069	R1151-1	PM	None	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	21-2069	60Db-01A	SO ₂	§ 60.47b(f)	§ 60.45b(k), 60.49b(o), 60.49b(r), [G] 60.49b(r)(2)	§ 60.49b(a), 60.49b(a)(1), 60.49b(r), [G] 60.49b(r)(2)
	21-2069	60Db-01A	PM	§ 60.46b(b), 60.46b(d), 60.46b(d)(1), [G] 60.46b(d)(2), 60.46b(d)(3), 60.46b(d)(4), 60.46b(d)(5), [G] 60.46b(d)(6)	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	21-2069	60Db-01A	Opacity	§ 60.46b(d), 60.46b(d)(7)	§ 60.48b(a), [G] 60.48b(j), [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3), 60.49b(b), 60.49b(h), 60.49b(v), 60.49b(w)
	<i>21-2069</i>	<i>60Db-01A</i>	<i>NO_x</i>	<i>None</i>	<i>§ [G] 60.49b(d), 60.49b(o)</i>	<i>§ 60.49b(a), 60.49b(a)(1)-60.49b(a)(3)</i>

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	21-2069	60Db-01B	SO ₂	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	21-2069	60Db-01B	PM	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	21-2069	60Db-01B	Opacity	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
1	21-2069	60Db-01B	NO _x	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1)-60.49b(a)(3) 60.49b(a)(1), 60.49b(a)(3)
	21-2069	61E-01	Mercury	§ [G] 61.54(a), [G] 61.54(c), 61.54(d), 61.54(f)	§ 61.54(g)	§ 61.54(b), 61.54(e), 61.54(f)
6	21-2069	63DDDDDD-01	<i>HCl</i> HAPs	§ 63.7505(c), (d), 63.7510(b), (e), (h), (j)-(k), 63.7515(g), (e), §63.7521(a), [G] (b)-(d), (e), 63.7530(a), (b), [G] (b)(1), [G] (c), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(3), (a)(4), [G] (a)(10)	§63.7535(a)-(d), [G] 63.7540(a)(2), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G](e), [G] (h), 63.7550(a), [G](b)-(d), [G] (h)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
6	21-2069	63DDDDD-01	Mercury	§ 63.7505(c)-(d), 63.7510(b), (e), (h), (j)-(k), 63.7515(e), (g), 63.7521(a), [G] (b)-(d), [G] (e), 63.7530(a), (b), (b)(2), [G] (c), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(5), [G] (a)(10)	§ 63.7535(a)-(d), [G] 63.7540(a)(2), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(d), [G] (h)
6	21-2069	63DDDDD-01	CO	§ 63.7505(c)-(d), 63.7510(a), (a)(1), [G] (a)(2), (c), (e), (h), (j)-(k), 63.7515(a)-(c), (g), 63.7520(a)-(b), (c)-(d), (f), [G] 63.7520(b)-Table 5.5, 63.7525(a), (a)(1), [G] (a)(2), (a)(3), 63.7530(a)-(b), (b)(4), (b)(4)(viii), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(10)	§ 63.7535(a)-(d), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(c), (d), [G] (h)
6	21-2069	63DDDDD-01	PM	[G]§63.7505(d)(1)-(2), (d)(3)-(4) [G]§63.7525(d) § 63.7505(c)-(d), 63.7510(e), (h), (j)-(k), 63.7515(g), 63.7530(a)-(b), (b)(4), [G] (b)(4)(ii), 63.7535(a)-(d), 63.7540(a), (a)(1), (a)(9), [G] (a)(10), [G] (a)(18)	§ 63.7535(a)-(d), 63.7555(a), (a)(1)-(2), [G] (b), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(c), [G] (e), [G] (h)
	21-2081	60Db-01	SO ₂	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	21-2081	60Db-01	PM	None	§ [G] 60.49b(d), 60.49b(o) None	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	21-2081	60Db-01	Opacity	None	§ [G] 60.49b(d), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3)
	21-2081	60Db-01	NO _x	§ 60.46b(c), 60.46b(e), 60.46b(e)(1), 60.46b(e)(3), [G] 60.48b(b), 60.48b(c), 60.48b(d), 60.48b(e), [G] 60.48b(e)(2), 60.48b(e)(3), 60.48b(f)	§ [G] 60.48b(b), 60.48b(c), [G] 60.49b(d), [G] 60.49b(g), 60.49b(o)	§ 60.49b(a), 60.49b(a)(1), 60.49b(a)(3), 60.49b(b), 60.49b(h), 60.49b(i), 60.49b(v), 60.49b(w)
6	21-2081	63DDDDDD-01	HAPs	§ 63.7515(d), [G] 63.7521(f)-(g), (h)-(i), 63.7530(g), 63.7540(a), [G] (a)(10), [G](c)	§ 63.7555(a), (a)(1)-(2), (g)-(h), 63.7560(a)-(c)	§ [G] 63.7521(g), 63.7530(e), (f), 63.7545(a)-(c), [G] (e)-(f), 63.7550(a), [G] (b)-(c), [G] (h)
	21-2105	R1151-1	PM	None	None	None
	21-2105	61E-01	Mercury	§ [G] 61.54(a), [G] 61.54(c), 61.54(d), 61.54(f)	§ 61.54(g)	§ 61.54(b), 61.54(e), 61.54(f)
6	21-2105	63DDDDDD-01	HAPs HCl	§ 63.7505(c), (d), 63.7510(b), (e), (h), (j)-(k), 63.7515(g), (e), §63.7521(a), [G] (b)-(d), (e), 63.7530(a), (b), [G] (b)(1), [G] (c), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(3), (a)(4), [G] (a)(10)	§63.7535(a)-(d), [G] 63.7540(a)(2), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G](e), [G] (h), 63.7550(a), [G](b)-(d), [G] (h)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
6	21-2105	63DDDDD-01	Mercury	§ 63.7505(c)-(d), 63.7510(b), (e), (h), (j)-(k), 63.7515(e), (g), 63.7521(a), [G] (b)-(d), [G] (e), 63.7530(a), (b), (b)(2), [G] (c), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(5), [G] (a)(10)	§ 63.7535(a)-(d), [G] 63.7540(a)(2), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(d), [G] (h)
6	21-2105	63DDDDD-01	CO	§ 63.7505(c)-(d), 63.7510(a), (a)(1), [G] (a)(2), (c), (e), (h), (j)-(k), 63.7515(a)-(c), (g), 63.7520(a)-(b), (c)-(d), (f), [G] 63.7520(b)-Table 5.5, 63.7525(a), (a)(1), [G] (a)(2), (a)(3), 63.7530(a)-(b), (b)(4), (b)(4)(viii), 63.7535(a)-(d), 63.7540(a), (a)(1), [G] (a)(10)	§ 63.7535(a)-(d), 63.7555(a), (a)(1)-(2), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(c), (d), [G] (h)
6	21-2105	63DDDDD-01	PM	[G]§63.7505(d)(1)-(2), (d)(3)-(4) [G]§63.7525(d) § 63.7505(c)-(d), 63.7510(e), (h), (j)-(k), 63.7515(g), 63.7530(a)-(b), (b)(4), [G] (b)(4)(ii), 63.7535(a)-(d), 63.7540(a), (a)(1), (a)(9), [G] (a)(10), [G] (a)(18)	§ 63.7535(a)-(d), 63.7555(a), (a)(1)-(2), [G] (b), (c), [G] (d), 63.7560(a)-(c)	§ 63.7515(f), 63.7530(e)-(f), 63.7540(b), (d), 63.7545(a)-(d), [G] (e), [G] (h), 63.7550(a), [G] (b)-(c), [G] (e), [G] (h)
	24-2082	R1151-1	PM	None	None	None
	24-2082	60BB-01	PM	§ 60.285(a), 60.285(b), 60.285(b)(1), 60.285(b)(2), 60.285(f)(1)	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	24-2082	60BB-01	TRS	§ 60.284(a), [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3), 60.284(d), 60.284(d)(2), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(d)(1), 60.285(d)(2), 60.285(f)(2)	§ [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3)	§ 60.284(d), 60.284(d)(2)
	24-2082	60BB-02	PM	§ 60.285(a), 60.285(b), 60.285(b)(1), 60.285(b)(2), 60.285(f)(1)	None	None
	24-2082	60BB-02	TRS	§ 60.284(a), [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3), 60.284(d), 60.284(d)(2), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(d)(1), 60.285(d)(2), 60.285(f)(2)	§ [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3)	§ 60.284(d), 60.284(d)(2)
	24-2082	63MM-01	PM	§ 63.864(d), 63.864(d)(3), 63.864(d)(4), 63.864(k)(1), 63.864(k)(1)(i), 63.864(k)(2), 63.864(k)(2)(ii), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(d)(3), 63.864(d)(4), 63.866(a), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(2), 63.866(c)(3), 63.866(c)(4)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(c), 63.867(c)(1)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	24-2154	R1151-1	PM	None	None	None
	24-2154	60BB-01	PM	§ 60.285(a), 60.285(b), 60.285(b)(1), 60.285(b)(2), 60.285(f)(1)	None	None
	24-2154	60BB-01	TRS	§ 60.284(a), [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3), 60.284(d), 60.284(d)(2), [G] 60.284(e), 60.284(f), 60.285(a), 60.285(d)(1), 60.285(d)(2), 60.285(f)(2)	§ [G] 60.284(a)(2), 60.284(c)(1), 60.284(c)(2), 60.284(c)(3)	§ 60.284(d), 60.284(d)(2)
	24-2154	63MM-01	PM	§ 63.864(e)(10), 63.864(e)(10)(i), 63.864(e)(10)(ii), [G] 63.864(j), 63.864(k)(1), 63.864(k)(1)(ii), 63.864(k)(2), 63.864(k)(2)(iii), 63.864(k)(3), 63.865, [G] 63.865(b)	§ 63.864(e)(10), 63.866(a), [G] 63.866(a)(1), [G] 63.866(a)(2), 63.866(b), 63.866(c), 63.866(c)(2), 63.866(c)(3), 63.866(c)(4), 63.866(c)(5)	§ 63.867(a)(1), 63.867(b)(3), 63.867(b)(3)(i), 63.867(b)(3)(iii), 63.867(c), 63.867(c)(1)
	30-2602	60Kb-01	VOC	§ 60.116b(a), 60.116b(b), 60.116b(c), 60.116b(d), 60.116b(e), 60.116b(e)(1), [G] 60.116b(e)(3)	§ 60.116b(a), 60.116b(b), 60.116b(c)	§ 60.116b(d)
	5B	R1111-01	Opacity	[G] § 111.111(a)(1)(F)	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	7K-DRIV	63ZZZZ-01	HAPs	§ 63.6625(i), 63.6640(a), 63.6640(a)-Table6.9.a.i, 63.6640(a)-Table6.9.a.ii	§ 63.6625(i), 63.6655(d) , 63.6655(e), 63.6660(a), 63.6660(b), 63.6660(c)	§ 63.6640(e), 63.6650(f)
1	7M-DRIV	63ZZZZ-01	HAPs	§ 63.6625(i), 63.6640(a), 63.6640(a)-Table6.9.a.i, 63.6640(a)-Table6.9.a.ii	§ 63.6625(i), 63.6655(d) , 63.6655(e), 63.6660(a), 63.6660(b), 63.6660(c)	§ 63.6640(e), 63.6650(f)
	DF-PMP1	60IIII-01	NMHC / NO _x	§ 60.4209(a)	§ 60.4214(b)	§ 60.4214(d)
	DF-PMP1	60IIII-01	PM	§ 60.4209(a)	§ 60.4214(b)	§ 60.4214(d)
	DF-PMP1	63ZZZZ-01	HAPs	None	None	None
	DF-PMP2	60IIII-01	NMHC / NO _x	§ 60.4209(a)	§ 60.4214(b)	§ 60.4214(d)
	DF-PMP2	60IIII-01	PM	§ 60.4209(a)	§ 60.4214(b)	§ 60.4214(d)
	DF-PMP2	63ZZZZ-01	HAPs	None	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	GEN1	63ZZZZ-01	HAPs	§ 63.6625(f), 63.6625(j), 63.6640(a), 63.6640(a)-Table 6.9.a.i, 63.6640(a)-Table 6.9.a.ii	§ 63.6625(j), 63.6655(d), 63.6655(e), 63.6655(f), 63.6660(a), 63.6660(b), 63.6660(c)	§ 63.6640(e), 63.6650(f)
	GRPDIG1	60BB-01	TRS	§ 60.284(b), 60.284(b)(1), 60.284(d)(3)(ii), 60.284(f), 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
	GRPDIG2	60BB-01	TRS	§ 60.284(b), 60.284(b)(1), 60.284(d)(3)(ii), 60.284(f), 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
	GRPEV1	60BB-01	TRS	§ 60.284(b), 60.284(b)(1), 60.284(d)(3)(ii), 60.284(f), 60.285(a)	§ 60.284(b)(1)	§ 60.284(d)(3)(ii)
	LF-FUG	61M-01	HAPs	None	§ [G] 61.154(e)(1), 61.154(e)(4), 61.154(f), 61.154(i)	§ [G] 61.153(a)(5), 61.153(b), 61.154(e)(2), 61.154(h), 61.154(i), [G] 61.154(j)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROKRAFT	63S-03	HAPs	§ 63.453(i), 63.453(j), 63.453(j)(2), [G] 63.453(j)(3), 63.453(l), [G] 63.453(l)(1), 63.453(l)(2), 63.453(l)(3), [G] 63.453(n), 63.453(o), 63.453(p), [G] 63.453(p)(1), [G] 63.453(p)(2), [G] 63.453(p)(3), 63.457(c), [G] 63.457(c)(1), 63.457(c)(2), [G] 63.457(c)(3), [G] 63.457(c)(4), [G] 63.457(c)(5), [G] 63.457(c)(6), [G] 63.457(d), [G] 63.457(e), 63.457(g), [G] 63.457(j), 63.457(l), 63.457(l)(1), 63.457(l)(3), 63.453(a), [G] 63.453(c), [G] 63.453(k), [G] 63.453(n), 63.453(o), 63.457(a), [G] 63.457(b), [G] 63.457(d), [G] 63.457(e), 63.457(h), [G] 63.457(i)	§ 63.453(p), [G] 63.453(p)(1), [G] 63.453(p)(2), [G] 63.453(p)(3), 63.454(a), [G] 63.454(b), 63.454(d), 63.454(e), 63.454(f) 63.454(a), [G] 63.454(b), 63.454(d)	§ [G] 63.453(n), 63.453(o), 63.455(a), [G] 63.455(b), 63.455(d), 63.455(e), 63.455(f), [G] 63.453(n), 63.453(o), 63.455(a), 63.455(d)

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	PROKRAFT	63S-04	HAPs	§ 63.453(i), 63.453(j), 63.453(j)(2), [G] 63.453(j)(3), 63.453(l), [G] 63.453(l)(1), 63.453(l)(2), 63.453(l)(3), [G] 63.453(n), 63.453(o), 63.453(p), [G] 63.453(p)(1), [G] 63.453(p)(2), [G] 63.453(p)(3), 63.457(c), [G] 63.457(c)(1), 63.457(c)(2), [G] 63.457(c)(3), [G] 63.457(c)(4), [G] 63.457(c)(5), [G] 63.457(c)(6), [G] 63.457(d), [G] 63.457(e), 63.457(g), [G] 63.457(j), 63.457(l), 63.457(l)(1), 63.457(l)(3), 63.453(a), [G] 63.453(c), [G] 63.453(k), [G] 63.453(n), 63.453(o), 63.457(a), [G] 63.457(b), [G] 63.457(d), [G] 63.457(e), 63.457(h), [G] 63.457(i)	§ 63.453(p), [G] 63.453(p)(1), [G] 63.453(p)(2), [G] 63.453(p)(3), 63.454(a), [G] 63.454(b), 63.454(d), 63.454(f) 63.454(a), [G] 63.454(b), 63.454(d)	§ [G] 63.453(n), 63.453(o), 63.455(a), [G] 63.455(b), 63.455(d), 63.455(e), 63.455(f), [G] 63.453(n), 63.453(o), 63.455(a), 63.455(d)
	WW-PMP1	60IIII-01	CO	None	None	None
	WW-PMP1	60IIII-01	Hydrocarbons	None	None	None

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

Table 1b: Additions

Date: 12/20/2024	Regulated Entity No.: RN102157609	Permit No.: O1265
Company Name: WestRock Texas, L.P.	Area Name: Evadale Mill	

Revision No.	Unit/Group/ Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	WW-PMP1	60IIII-01	NOx	None	None	None
	WW-PMP1	60IIII-01	PM	None	None	None
	WW-PMP1	63ZZZZ-01	HAPs	None	None	None
	WW-PMP2	60IIII-01	CO	None	None	None
	WW-PMP2	60IIII-01	PM	None	None	None
	WW-PMP2	60IIII-01	NMHC / NOx	None	None	None
	WW-PMP2	60IIII-01	Opacity	None	None	None
	WW-PMP2	63ZZZZ-01	HAPs	None	None	None

10. Additional Monitoring Requirements

This section only addresses existing compliance assurance monitoring (CAM) and periodic monitoring requirements. WestRock believes all existing CAM and periodic monitoring currently in O1265 is accurate and up to date, therefore, Form OP-MON will not be included as a part of this renewal application. WestRock requests that all current CAM and periodic monitoring requirements specified in the permit stay the same.

Compliance Assurance Monitoring

CAM is a federal program established under 40 CFR Part 64 regulations. The regulatory requirements governing implementation of CAM in Texas are also established in 30 TAC Chapter 122, Subchapter G. CAM applies to an emission unit located at a major source that meets all of the following:

- The emission unit is subject to an emission limitation or standard for an air pollutant in an applicable requirement;
- The emission unit uses a control device to achieve compliance with the applicable emission limitation or standard; and
- The emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year required for the site to be classified as a major source.

CAM applicability is determined on a pollutant-by-pollutant basis. Please note 30 TAC §122.604(c)-(d) include CAM exemptions for certain emission limitations or standards, and utility units. For example, CAM does not apply to emission limitations or standards proposed by the EPA after November 15, 1990 under the Federal Clean Air Act Sections §111 (Standards of Performance for New Stationary Sources) or §112 (Hazardous Air Pollutants).

Sites are required to address CAM as part of the Title V renewal process, if it has not been previously addressed. Based on a review of applicability for the site, WestRock believes that CAM is adequately addressed for all units at the site.

Periodic Monitoring

Prior to August 1, 2010, vents subject to 30 TAC §111.111(a)(1)(A) were not required to be identified on a unit specific basis (i.e., covered by a site wide term and condition). In response to EPA comment, the TCEQ is now requiring that these vents be identified on a unit specific basis on the Forms OP-UA15 and OP-MON. After a review of the site, WestRock has not identified any additional stationary vents subject to 30 TAC §111.111(a)(1)(A) at the Evadale Mill not already addressed for periodic monitoring requirements. WestRock does not propose additional periodic monitoring requirements as part of this renewal application. However, if during the technical review, it is determined that additional monitoring is required; the Mill will submit all necessary information to incorporate into the permit.

Appendix A TCEQ and EPA Applicability Determinations

NB01 Determination from ADI.txt

Control Number: NB01

Category: NSPS
Region: SSCD
Date: 06/15/1990
Title: Applicability Clarification to Kraft Recovery Boilers
Recipient: Gitto, Louis
Author: Seitz, John S.
Comments:

Subparts: Part 60 D Foss. Fuel Fired Steam Gen. (post 8/17/71)
References: 60.40

Abstract:

This is a clarification of a 12/22/89 memo. Is a recovery boiler at a kraft pulp mill subject to Subpart D?

Since fossil fuel is not used for the purpose of producing steam, but rather to allow efficient startup/shutdown when the boiler is fired with black liquor (not a fossil fuel), the boiler is not subject to Subpart D. If the annual fossil fuel capacity factor exceeds 10%, however, then the source would become subject to Subpart D.

Letter:

Control Number: NB01

June 15, 1990

MEMORANDUM

SUBJECT: Clarification of Applicability of Subpart D to Kraft Recovery Boilers

FROM: John S. Seitz, Director
Stationary Source Compliance Division
Office of Air Quality Planning and Standards

TO: Louis Gitto, Director
Air Management Division
Region I

On October 25, 1989, my staff received an inquiry from Dennis Keschl, Director of Maine's Bureau of Air Quality Control, regarding the applicability of recovery boilers at kraft pulp mills to NSPS Subpart D for fossil fuel-fired steam generators. SSCD was asked if Subpart D applies to recovery boilers which commenced construction after August 17, 1971 and prior to June 19, 1984, that have the capability to fire fossil fuel at a heat input greater than 250 MMBTU/hour, and which generate steam when black liquor levels are low or nonexistent.

In a December 22, 1989 memorandum, I responded to Mr. Keschl that consistent with prior applicability determinations, Subpart D applies to any furnace or boiler used in the process of burning fossil fuel. Subpart D would thereby apply to recovery boilers which combusted fossil fuel for the purpose of producing steam. However, as a result of subsequent discussions, the question has arisen whether the burning of fossil fuel for the purpose of

NB01 Determination from ADI.txt
proper operation of the black liquor combustion portion of the kraft chemical recovery process would also be subject to Subpart D.

In discussions with the Emission Standards Division (ESD), we have confirmed that some level of fossil fuel firing in recovery boilers is necessary for proper black liquor combustion (e.g., for startup and shutdown). The use of fossil fuel in these cases alone would not subject the boiler to applicability under Subpart D. However, fossil fuel combustion in a recovery boiler for the purpose of producing steam, and not for the recovery of chemicals, would cause the boiler to be subject to Subpart D. The attached memorandum from Jack Farmer dated April 30, 1990 provides more detail on this issue.

As discussed in Mr. Farmer's memo, distinguishing periods when excess fossil fuel is fired for the purpose of generating steam, and thereby defining cases where the recovery boiler is subject to Subpart D, may be facilitated by review of the boiler's annual fossil fuel capacity factor. We agree with ESD's suggestion to set a presumptive threshold for applicability to Subpart D at a 10% annual fossil fuel capacity factor.

Therefore, it should be presumed that a recovery boiler with an annual fossil fuel capacity factor of less than 10% is not firing fossil fuel for the purpose of generating steam, and would therefore not be subject to NSPS Subpart D. Likewise, a recovery boiler with an annual fossil fuel capacity factor of 10% or greater would be presumed to be firing excess fossil fuel for the purpose of steam generation, and would be subject to Subpart D. Either of these presumptions could be rebutted at the discretion of the reviewing authority, based on appropriate evidence.

Inspectors should therefore, at their discretion, review the annual fossil fuel capacity factor of recovery boilers which otherwise meet the applicability criteria of Subpart D to determine whether excess fossil fuel is being fired for steam production. The annual fuel capacity factor is defined as the ratio between the actual heat input into the boiler from fossil fuel during a calendar year, and the potential heat input from all fuels (fossil fuel and black liquor) had the boiler been operated for 8,760 hours at the maximum steady state design heat input capacity. The records necessary to determine the annual capacity factor may be requested through Section 114 authority.

I hope this guideline will clarify the applicability of Subpart D to recovery boilers. Please contact Sally Mitoff at FTS 382-2875 if you have questions regarding this guidance.

Attachment

cc: Dennis Keschl, Maine DEP
Tom Elter, Region I
NSPS Regional Network
Jack Farmer, ESD
Bob Ajax, ESD
Fred Porter, ESD
Rick Copland, ESD

NB01 Determination from ADI.txt

Ron Shafer, SSCD
Sally Mitoff, SSCD
Bob Martineau, OGC

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Air Rule Interpretation Summary Form

Code Number	60D.004 60D_b.004
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Applicability of steam generator greater than 250 MMBtu/hr to 40 CFR 60, Subpart D and Db	March 30, 2000
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Rule/Regulation Citation(s):	Federal Rule: <u> X </u> State Regulation: <u> </u> Description:
40 C.F.R. Part 60, Subpart D, § 60.40	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction Is Commenced After August 17, 1971
40 C.F.R. Part 60, Subpart Db, § 60.40b	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units
Interpretation Request:	
Is a steam generating unit, which is greater than 73 MW (250 million Btu per hour), constructed after June 19, 1986 subject to the requirements of Title 40 Code of Federal Regulations (C.F.R.) Part 60, Subpart Db and 40 C.F.R. Part 60, Subpart D or only 40 C.F.R. Part 60, Subpart Db?	
Determination:	
Steam generating units, which are greater than 73 MW (250 million Btu/hour) and constructed after June 19, 1986, are not subject to the requirements of 40 C.F.R. Part 60, Subpart D.	

Bibliography:

49 Fed. Reg. 25,102-25,157 (1984). [June 19, 1984]

51 Fed. Reg. 22,384-22,419 (1986). [June 19, 1986]

51 Fed. Reg. 42,768-42,797 (1986). [November 25, 1986]

52 Fed. Reg. 47,826-47,856 (1987). [December 16, 1987]

Title 40 C.F.R. Part 60, Subpart Db. [Revised July 1, 1999]

Title 40 C.F.R. Part 60, Subpart D. [Revised July 1, 1999]

Letter from Frank DeVooght, P.E., Engineering Services Section, Enforcement Division to David K. Arnosky, International Technology Corporation (September 13, 1996).

Please note, in the event that an external customer feels that this rule interpretation is in error or a source of information has been overlooked which would change the determination, a request for reconsideration may be submitted. Requests must be submitted on a Reconsideration Process Form which is available at the TNRCC's homepage: <http://www.tnrcc.state.tx.us/air/opd/rimhmpg.htm>, or from any of the air rule interpretation team members.

Letter from John P. Survis, Engineering Services Section, Enforcement Division to Suzanne Stevens, Environmental Engineer, Destec Energy, Incorporated (February 7, 1996).

Please note, in the event that an external customer feels that this rule interpretation is in error or a source of information has been overlooked which would change the determination, a request for reconsideration may be submitted. Requests must be submitted on a Reconsideration Process Form which is available at the TNRCC's homepage: <http://www.tnrcc.state.tx.us/air/opd/rmhmpg.htm>, or from any of the air rule interpretation team members.

Air Rule Interpretation Summary Form

Code Number	R2-9.001
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Applicability of 30 TAC 112.9 to recovery furnaces combusting black liquor (liquid digester waste) at a Kraft Pulp Mill	October 26, 2000
--	------------------

Rule/Regulation Citation(s):	Federal Rule: <input type="checkbox"/> State Regulation: <input checked="" type="checkbox"/>
30 Tex. Admin. Code Chapter 112, § 112.9	Description: Control of Air Pollution from Sulfur Compounds Control of Sulfur Dioxide
Interpretation Request:	
Two recovery furnaces combust black liquor, which consists of lignin from a Kraft pulping process, to recover sodium and sulfur salts. Is this operation subject to the Title 30 Texas Administrative Code (Tex. Admin. Code) Chapter 112 pertaining to allowable emission rates for combustion of liquid fuel for steam generation units or furnaces (30 Tex. Admin. Code § 112.9)?	
Determination:	
The black liquor (liquid digester waste), which consists of lignin from the Kraft pulping process, combusted in the two recovery furnaces, is considered a solid fuel. Therefore, the two recovery furnaces combusting black liquor are not subject to the requirements of 30 Tex. Admin. Code § 112.9.	

Bibliography:

30 Tex. Admin. Code ch. 101 (2000) (effective Sept. 4, 2000).

30 Tex. Admin. Code ch. 112 (1997) (effective July 16, 1997).

Hawley's Condensed Chemical Dictionary 704 (12th ed. 1993).

63 Fed. Reg. 18,783 (1998) (Apr 15, 1998).

Babcock and Wilcox, *Steam - Its Generation and Use* 6-10 (38th ed. 1972).

U.S. Environmental Protection Agency, *Technical Support Document: Chemical Recovery Combustion Sources at Kraft and Soda Pulp Mills* 2-7 to 2-21 (1996) (EPA-453/R-96-012).

Anthony J. Buonicore & Wayne T. Davis, *Air Pollution Engineering Manual* 835-851 (1992) (ch. 18 Wood Processing Industry).

Office of Compliance, U.S. Environmental Protection Agency, *Sector Notebook Project - Profile of the Pulp and Paper Industry* 29-30 (1995) (EPA/310-R-95-015).

Air Rule Interpretation Summary Form

Code Number	R2-51.001
-------------	-----------

Clarification of the applicability of 112.51 to specific designated Kraft Pulp Mills or all Kraft Pulp Mills.	October 7, 2003
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Rule/Regulation Citation(s):	Federal Rule: <input type="checkbox"/> State Regulation: <input checked="" type="checkbox"/>
30 TAC Chapter 112 § 112.51	Description: Control of Air Pollution from Sulfur Compounds Subchapter D: Control of Total Reduced Sulfur
Interpretation Request:	
Do the requirements of Title 30 Texas Administrative Code (TAC) §§ 112.51-59 apply to all sources including those subject to Title 40 Code of Federal Regulations (CFR) Part 60, Subpart BB (Sources constructed or modified after September 24, 1976) or do the requirements of 30 TAC §§ 112.51-59 only apply to existing sources that predate 40 CFR Part 60, Subpart BB?	
Determination:	
The requirements of 30 TAC §§ 112.51-59 only apply to existing sources that predate federal new source performance standards. Therefore, §§ 112.51-59 do not apply to kraft pulp mills for which construction or modification commenced after September 24, 1976 that are subject to 40 CFR Part 60, Subpart BB.	

Bibliography:

30 TAC Chapter 112 (1997). [July 16, 1997]

40 CFR Part 60, Subpart BB (2001). [July 1, 2001]

Federal Clean Air Act, Section 111(d).

14 Tex. Reg. 252 (1989). [Jan. 13, 1989]

14 Tex. Reg. 3203 (1989). [Jun. 30, 1989]

Air RIT Rule Interpretation/Opinion Code #: R2-51.001

Please note, in the event that an external customer feels that this rule interpretation is in error or a source of information has been overlooked which would change the determination, a request for reconsideration may be submitted. Requests must be submitted on a Reconsideration Process Form which is available at the TCEQ's homepage: <http://www.tnrc.state.tx.us/permitting/airperm/opd/rimhmpg.htm>, or from any of the air rule interpretation team members. 1 of 1

Appendix B Alternate Monitoring Request Approval Letters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

DEC 28 2001

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P.O. Box 816
Silsbee, Texas 77656

RE: Request for Approval of Alternative Monitoring Parameters/Approval for Alternative Requirements for Leak Detection and Repair (LDAR)

Dear Mr. Burris:

This letter is in response to your letter of April 3, 2001, requesting approval of the following:

1. an alternative monitoring parameter for the scrubber inlet gas flow;
2. permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber;
3. flexibility in the frequency of LDAR inspections;
4. an exemption from inspecting and testing those components that are located in unsafe areas; and
5. permission to use the NCASI direct injection method for HAPS testing of foul condensates.

We would like to address each of your specific requests, in the order listed above.

1. As you know, the Westvaco facility in Evadale, Texas, is subject to the requirements of 40 C.F.R. 63 Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry, also known as the Cluster Rule. Your facility is requesting our approval of use of an alternative monitoring parameter instead of the scrubber inlet gas flow prescribed in 40 C.F.R. 63.453(c)(2) for the bleach plant.

Per 40 C.F.R. 63.453(m), a source or an operator may choose to adopt an alternative monitoring parameter to comply with the standards established in Subpart S, provided that a Continuous Monitoring System is in place and the source or operator establishes appropriate operating parameters to be monitored in such a way that it will demonstrate continuous compliance with the applicable control requirements to the satisfaction of the Administrator.

However, per 40 C.F.R. 63.458(b)(2), the authority for determination and use of an alternative monitoring parameter can not be transferred (delegated) to a State.

Based on the discussion of the alternative monitoring parameter issue in the EPA Q & A Document for the Pulp & Paper MACT (Volume 1, Pages 8-10), Region 6 agrees that adequate rationale for using an alternative parameter (as required in §63.453(n)), has been demonstrated. Therefore, Region 6 concurs with Westvaco's request to monitor the operation of the fan used to convey vent gases to the gas scrubber as an equivalent procedure to monitoring the inlet gas flow rate at the gas scrubber, and accordingly approves this specific request.

Allowable monitoring parameters of fan operation include fan motor amperage, on/off status, or rotational speed of the fan. If you choose to specifically monitor fan operation, we request that you perform the following in order to ensure compliance with Subpart S:

- a) conduct annual negative pressure checks to ensure that the bleach plant scrubber fan induces the desired negative pressure across the system;
- b) conduct monthly visual inspections under the Leak Detection and Repair plan provisions for the scrubber fan and associated process;
- c) conduct periodic preventive maintenance of the bleach plant scrubber fan to ensure safe and proper operation of the system; and,
- d) respond immediately to any signs or indications of visible emissions from the scrubber stack, washer hoods, or towers at the bleach plant.

~~If you choose to specifically monitor the fan motor amperage, we request that you perform the following additional tasks to ensure compliance with Subpart S:~~

- ~~a) continuously record/monitor the fan motor amperage loading to ensure proper rotational fan speed and pressure drop for the bleach plant scrubber fan; and,~~
- ~~b) perform a successful initial performance test to determine an acceptable range of electrical current (amps) within which the fan needs to be operated.~~

~~Furthermore, in case of future replacement of the fan blades or fan motor, you must demonstrate that gas flow rate to the scrubber has not increased as a result of changes to the fan~~

or conduct another performance test to ensure that the gas scrubber meets the emission limitations of the air permit.

Please be advised that this alternative monitoring determination shall by no means relieve you from complying with the applicable Recordkeeping and Reporting requirements established in 40 CFR 63.454 and 63.455 of Subpart S.

2. Regarding your request to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber, we are still reviewing this request with Headquarters and have asked you to submit additional information, per our recent telephone conversation. Rather than delay the approval of other items in your request letter, we will address this item separately when a decision has been made.

3. Regarding your request for the flexibility of being allowed to make Leak Detection and Repair (LDAR) inspections once every calendar month, with consecutive inspections being a minimum of 14 days apart, we will approve the flexibility of LDAR inspections once every calendar month; however, to maintain consistency among other pulp and paper mills that have submitted similar requests, we will require that any two consecutive inspections be at least 21 calendar-days apart. If you can justify in writing why your mill must have a minimum of 14 days instead of a minimum of 21 days between consecutive inspections, we will reevaluate our position on this subject.

4. Regarding your request of an exemption from inspection and testing those components that are located in unsafe areas, 40 CFR 63.148(g) and (h) exempt a closed vent system, vapor collection system, fixed roof, cover, or enclosure that is designated as unsafe to inspect from certain leak inspection provision requirements.

The Occupational Safety and Health Administration (OSHA), Department of Labor, has set forth the requirements for employers to provide means of fall protection in 29 CFR 1926.501. Elevated pipe bridges, elevated pipes that run on the exterior of the building walls, pipes that run in the vicinity of pressurized or high temperature processes, pipes that run in areas with high potential for exposure to H₂S or chlorinated compounds, locations above 6 feet of OSHA approved catwalk, or work floor are examples of locations that are designated as unsafe or inaccessible, at these mills, for LDAR inspection purposes.

Based upon this, Region 6 concurs with Westvaco's request for an exemption from inspection those components that are located in unsafe areas with the following provisions:

- (a) a site specific LDAR plan will be updated and maintained and shall include all locations at the mill that are deemed as unsafe or inaccessible to inspect with an explanation why a location is designated as unsafe to inspect;

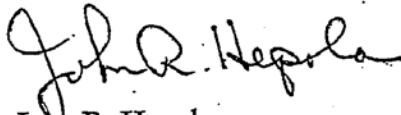
- b) an inspection of these unsafe or inaccessible locations will be made at least once every 5 years during the "safe-to-inspect" periods;
- c) other mechanisms such as low volume high concentration gas collection systems, steam ejectors, and monitoring of steam valve positions are in place to strengthen the leak detection program in discovering leaks without performing visual inspections at locations designated as unsafe or inaccessible; and
- d) this exemption from inspection of components located in unsafe/inaccessible areas does not relax or jeopardize the stringency of the existing requirements of Subpart S.

5. Regarding your request to use the NCASI direct injection method for HAPS testing of foul condensates, we are also reviewing this with Headquarters and will address this item separately.

We recommend that you share a copy of this determination letter with the appropriate State or local Title V permitting authority within your area for pending or future air permitting activities relevant to your mill. As a result, the permitting authority would be able to craft air permit conditions tailored specifically for your mill.

Should you have any questions regarding this determination letter, please contact me at (214) 665-7220 or Michelle Kelly of my staff at (214) 665-7580.

Sincerely yours,



John R. Hepola
Chief
Air/Toxic and Inspection
Coordination Branch

cc: Marion Everhart, TNRCC Region 10
Georgie Volz, TNRCC Region 10
Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

FEB 04 2002

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P.O. Box 816
Silsbee, Texas 77656

RE: Request for Approval of Alternative Monitoring Parameter - Scrubber pH

Dear Mr. Burris:

This is a follow-up to the EPA Region 6 letter dated December 28, 2001, which was in response to your letter of April 3, 2001, requesting approval of alternative monitoring parameters and alternative requirements for Leak Detection and Repair.

The following two items from your original request required either additional information from Westvaco or input from EPA Headquarters:

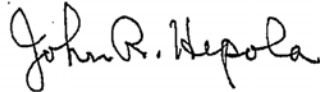
1. Permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber; and
2. Permission to use the NCASI direct injection method for HAPS testing of foul condensates.

This letter addresses only the first item. The second item will be addressed by EPA Headquarters directly in a separate letter.

Based upon the additional information you supplied to us on December 17, 2001, and our discussions with Headquarters, we hereby give you permission to monitor the scrubber pH in the recirculation loop as it goes into the scrubber rather than the effluent from the scrubber, enabling you to maintain the scrubbing potential of the solution and meet your permitted emission limits. If for some reason you are no longer able to demonstrate compliance with this control strategy, you must notify our office and the TNRCC Regional Office as soon as possible.

If you have any questions concerning this response, please contact me at (214) 665-7220 or Michelle Kelly of my staff at (214) 665-7580.

Sincerely yours,

A handwritten signature in cursive script that reads "John R. Hepola".

John R. Hepola

Chief

Air/Toxic and Inspection
Coordination Branch

cc: Marion Everhart, TNRCC Region 10
Georgie Volz, TNRCC Region 10
Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

FEB 8 2002

Mr. Jeff Burris
Environmental Services Manager
Westvaco
Packaging Resources Group
P. O. Box 816
Silsbee, Texas 77656

Dear Mr Burris:

This is in response to your letter dated April 3, 2001, to John Hepola of Region 6 that requested several alternatives to testing and monitoring requirements under 40 CFR Part 63, Subpart S. Because the Office of Air Quality Planning and Standards rather than Region 6 is the delegated authority for approving major alternatives to compliance test methods, we are responding to your request for an alternative method to Method 305 required by 40 CFR 63.457(c)(3)(iii). You are proposing to use a procedure titled, "Selected HAPS in Condensates by GC/FID (NCASI Method DI/HAPS-99.01)," developed by the National Council for Air and Stream Improvement (NCASI) to analyze for acetaldehyde, methanol, propionaldehyde, and methyl ethyl ketone in condensate streams. I notified the NCASI by letter dated September 22, 2000, that this test method met Method 301 criteria for measuring these four HAPS in condensate streams, provided that the tester uses the appropriate correction factor. A copy of this letter is enclosed. Based on the data submitted by the NCASI and the similarity of the condensate streams for which you propose to use the method to the condensate streams from which the NCASI collected their supporting data, we are approving your request for use of this alternative test method at your facility in Evadale, Texas.

If you need further assistance, please contact Gary McAlister at (919) 541-1062.

Sincerely,

A handwritten signature in black ink, appearing to read "J. David Mobley".

J. David Mobley, Acting Director
Emissions Monitoring and Analysis Division

Enclosures

cc: Mr. Stephen Shedd, EPA/OAQPS/ESD
Ms. Michelle Kelly, Region 6
Ms. Marion Everhart, TNRCC, Region 10
Ms. Georgie Volz, TNRCC Region 10
Mr. Jeff Greif, TNRCC Headquarters



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

SEP 22 2000

Dr. Mary Ann Gunshefski
NCASI
Southern Regional Center
P.O. Box 141020
Gainesville, Florida 32614-1020

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

Dear Dr. Gunshefski:

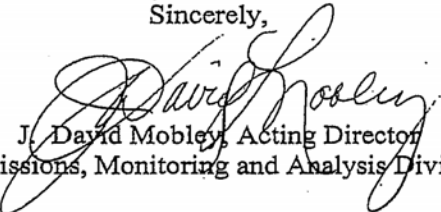
We have reviewed your report entitled, "EPA Method 301 Validation Report of the NCASI Method 'Selected HAPS in Condensates By GC/FID.' " We agree with your conclusion that this method, in all of its variations, met Method 301 criteria for measuring acetaldehyde, methanol, propionaldehyde, and methyl ethyl ketone in samples from the pulp and paper mill condensate streams regulated under 40 CFR Part 63, Subpart S, Paragraph 446(b). I have summarized in the enclosed Tables 1-4 the correction factors for the individual HAP's for each of the four variations in the test method. During any future testing, the tester must document and use the appropriate correction factor to correct the data from the test method.

As we discussed, each specific source must make its own alternative test method request. However, we can and will consider the validation data that you submitted in evaluating an alternative method request from any source similar to the ones at which you collected your validation data.

For our records we would like to have an electronic file copy of the test method and the supporting report in Wordperfect 6.x format.

If you have any questions about our comments or you would like to meet to discuss them, please contact Gary McAlister of my staff at (919) 541-1062.

Sincerely,


J. David Mobley, Acting Director
Emissions, Monitoring and Analysis Division

cc: K. C. Hustvedt (MD-13)
Stephen A. Shedd (MD-13)
Jeffrey A. Telander (MD-13)

Enclosure

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

SEP 24 2002

Mr. Phillip C. Sparks
Environmental Services
MeadWestvaco Corporation
P O Box 816
Silsbee, Texas 77656

Re: NSPS Alternative Monitoring
MeadWestvaco Corporation (formerly known as Westvaco Texas L.P.)
Permit No. 20365 and PSD-TX-785M6, Account No. JC-0003-K

Dear Mr. Sparks:

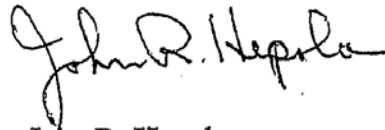
This letter is in response to your letter dated July 19, 2002, to Mr. Richard Hughes of the Texas Natural Resource Conservation Commission (recently renamed the Texas Commission on Environmental Quality (TCEQ)). Your letter was forwarded by Mr. Lawrence Buller of TCEQ on August 16, 2002, to the U.S. Environmental Protection Agency for a response since TCEQ is not delegated authority to issue alternative monitoring in this regard. In the letter, you requested the monitoring requirement specified in 40 CFR § 63.864(a)(2) of MACT Subpart MM be used as an alternative to that specified in 40 CFR § 60.284(b)(2)(ii) of NSPS Subpart BB. Along with this request, MeadWestvaco would also be able to unify monitoring and recordkeeping requirements if approved.

MeadWestvaco currently has three recovery boiler smelt dissolving tanks and one lime kiln subject to NSPS Subpart BB for wet scrubbers as emissions control devices, and anticipates more to be in operation in the future due to reconstruction or modification. The facility is also subject to MACT Subpart MM, promulgated on January 12, 2001.

40 CFR § 60.284(b)(2)(ii) requires continuous measurement of the scrubbing liquid supply pressure. 40 CFR § 63.864(a)(2) requires continuously monitoring and recording the pressure drop across the scrubber and the scrubbing liquid flow rate. From both provisions, the later requirement is at least as good as the former's. For your reference, you may review the requirements of wet scrubbers prescribed in Federal Register, Page 17762 of the April 11, 2002, issue for petroleum refineries.

This letter is to grant your request as stated above. If you have other questions concerning this response, you may contact Jim Yang of my staff at (214) 665-7578.

Sincerely yours,

A handwritten signature in black ink, reading "John R. Hepola". The signature is written in a cursive style with a large, stylized "J" and "H".

John R. Hepola
Chief
Air/Toxics and Inspection
Coordination Branch

cc: Lawrence Buller, P.E., TCEQ



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

JUL 25 2012

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

Re: Request for Alternate Opacity Monitoring for No. 6 Power Boiler
Title 40, Code of Federal Regulations (C.F.R.), Part 60, Subpart Db

Dear Mr. Taylor:

In a letter dated July 29, 2008, Westvaco Texas L.P. (Westvaco) requested approval of an alternate monitoring plan (AMP) for the continuous opacity monitoring system (COMS), which is required under 40 C.F.R. Part 60, Subpart Db. Power Boiler No. 6 at Westvaco's Evandale, Texas Mill is an affected facility under this regulation.

Particulate emissions from Power Boiler No. 6 are controlled by a venturi wet gas scrubber (WGS). According to your letter, moisture in the exhaust of the WGS interferes with the operations of the COMS. Therefore, you requested our approval of an AMP similar to the plan approved by EPA for Westvaco on October 19, 2000 under 40 C.F.R. 60, Subpart D. On May 29, 2012, at EPA's request, Westvaco updated the original AMP with additional data and included the use of a second continuous operating parameter limits (OPLs) that would ensure opacity compliance.

The EPA has reviewed the updated proposed alternative measures and approves the following as the minimum requirements for the alternative monitoring parameters:

1. Westvaco shall monitor and maintain the pressure drop across the wet gas scrubber according to the following equation:

$$\text{Minimum Pressure Drop (in H}_2\text{O)} = 0.1 \times (\% \text{ average boiler load}) - 0.5$$

2. The minimum wet gas scrubber Liquid to Gas Ratio (L/G) shall equal 3.81 gallons of water per thousand pounds of gas per hour (gal/Kpph)
3. All monitored data shall be recorded as three-hour rolling averages, which are updated with hourly averages from the monitoring instruments.

4. All recorded data shall be maintained for a minimum of two (2) years and shall be made available to representatives from the EPA or the Texas Commission on Environmental Quality (TCEQ) upon request.
5. The demonstration of OPLs shall be periodically repeated at the same frequency as demonstration testing for the Title V renewal permit application.

If you have any questions or concerns about the AMP approval or data submittal requirements, please do not hesitate to contact Mr. Charles Handrich, of my staff, at (214) 665-6553.

Sincerely yours,



for David F. Garcia
Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, TCEQ, MC-149
Jeffrey Greif, TCEQ, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

JAN 31 2013

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

RE: Fuel Analysis Plan – Alternative Monitoring Plan (AMP)
Sulfur Dioxide (SO₂) Emissions from No. 6 Power Boiler
Subject to 40 Code of Federal Regulations (C.F.R.) Part 60, Subpart Db
Westvaco Texas L.P. (Westvaco)

Dear Mr. Taylor:

This letter is in response to your request dated November 26, 2012, for review and approval of your Fuel Analysis Plan for monitoring sulfur content of fuels in lieu of SO₂ emissions monitoring, allowed under New Source Performance Standards (NSPS), Title 40 CFR Part 60, Subpart Db – *Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units* for which construction, reconstruction, or modification commenced after June 19, 1984. The United States Environmental Protection Agency (EPA) conditionally approves your Fuel Analysis Plan, as delineated within this letter.

Westvaco's No. 6 Power Boiler fires a combination of wood, natural gas, and gaseous fuels in order to produce steam for use in power generation, pulp and papermaking processes, and for heating purposes. 40 CFR 60.46b(k)(2) specifies the following:

Units firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO₂ emissions limit in paragraph (k)(1) of this section.

Accordingly, 40 CFR 60.45(k) allows compliance to be demonstrated by a fuel based compliance alternative of 40 CFR 60.49b(r).

Since Westvaco will continue to obtain and maintain fuel receipts for the other fuels combusted, the Fuel Analysis Plan ensures that data will be collected to demonstrate that the average percentage sulfur concentration in the wood fuel, plus three standard deviations, will not result in a combined fuel mixture that will exceed the sulfur emission limit of 0.32 pounds per million BTUs. Therefore, and in accordance with the criteria

outlined in 40 CFR 60.49b(r)(2), we approve Westvaco's proposed fuel analysis plan under the following conditions:

1. Monitoring of the sulfur content can be done once per quarter, provided the average plus three standard deviations does not exceed 0.065% sulfur.
2. If the average plus three standard deviations exceed 0.065% sulfur, monitoring shall be increased to monthly.
3. Once monitoring monthly, the frequency of monitoring can be reduced to quarterly after five successive monthly samples demonstrate an average plus three standard deviations is less than 0.065% sulfur.
4. If any single value exceeds 0.126% sulfur, the monitored fuel cannot be burned and the Environmental Protection Agency, Region 6 must be notified.
5. All recorded data shall be maintained for a minimum of two years and be made available to representatives from EPA or the appropriate state agency upon request.

If you have any questions or concerns about our conditional approval or data submittal requirements, please do not hesitate to contact Mr. Handrich of my staff at (214) 665-6553.

Sincerely,



Steve Thompson
Acting Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, MC-149
Texas Commission on Environmental Quality (TCEQ)
Jeffrey Greif, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS TX 75202-2733

JAN 03 2013

Mr. James C. Taylor
Team Leader, Engineering SBS
MeadWestvaco Corporation
Hwy 105 South
Evandale, Texas 77615

RE: Alternative Monitoring Plan (AMP) Request, Adjusted Parameter Value for Prior AMP Approval – Parametric Monitoring in Lieu of Continuous Opacity Monitoring System (COMS) for #6 Power Boiler, Subject to Title 40, Code of Federal Regulations (CFR) Part 60 Subpart Db; Westvaco Texas L.P. (Westvaco) plant located in Evandale, Texas.

Dear Mr. Taylor:

This letter is in response to your request dated October 29, 2012, where you identified an error in a particular monitoring parameter that will require adjustment to one of the established limits in your existing AMP approval by our office dated July 25, 2012. Upon review of the information and data provided, the United States Environmental Protection Agency (EPA) hereby approves a change to the value of one of the operating limits established in the currently approved AMP (July 25, 2012) as delineated below.

Specifically, Westvaco noted an error in the monitored process data, which impacted the approved Minimum Liquid-to-Gas Ratio (L/G) operating parameter for the #6 Power Boiler Wet Gas Scrubber (WGS). The Minimum L/G needs correction *from 3.81 to 5.05 gallons of water per one thousand pounds of gas per hour*. All other operating parameter values remain the same.

If you have any questions or concerns about this change to your approved AMP, please do not hesitate to contact Mr. Handrich of my staff at (214) 665-6553.

Sincerely,

Steve Thompson
Acting Associate Director
Air/Toxics & Inspection
Coordination Branch

cc: Michael De La Cruz, TCEQ, MC-149
Jeffery Greif, TCEQ, MC-163



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

JUL 24 2015

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

Mr. James H. Gresham
Mill Manager
MeadWestvaco Corporation
P.O. Box 816
Silsbee, TX 77656

Dear Mr. Gresham:

This letter is in response to your letter of March 4, 2003, to the Texas Commission on Environmental Quality and EPA Region 6 and your follow up letter and re-request on October 11, 2007, which were forwarded to us by EPA Region 6 on April 10, 2015, for review and approval of alternative testing procedures to be applied to the turpentine decanter unit located in your Evadale Mill at 1913 FM 105, Evadale, Texas. The turpentine decanter unit is subject to 40 CFR part 63, Subpart S, National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry (Subpart S), in particular, section 63.457(b)(5)(i).

According to Subpart S, you must demonstrate 98 percent removal efficiency of methanol from the turpentine recovery system using Method 308 (40 CFR part 63, Appendix A) to measure methanol during your compliance tests. You explain that the control technology for your turpentine decanter is a series of three, 55-gallon drum carbon canisters. You also indicate that the design of the turpentine decanter maintains a constant level of recovered turpentine and the decanter generates no active air flow from the emission source through the control technology to the atmosphere. Thus, there is insufficient air flow through the control system to perform Method 308 unless a system upset were to occur.

Because the design of your control device combined with the operation of your turpentine decanter makes it impossible to conduct the Method 308 inlet and outlet testing as required by Subpart S, you propose to use Draeger® tubes that detect methanol at a detection limit of 25 ppm to measure breakthrough between the first and second carbon canisters on a monthly basis. Following a detection of breakthrough, you would reroute the emission gas stream from the decanter to the second carbon canister control and replace the first canister that demonstrated breakthrough.

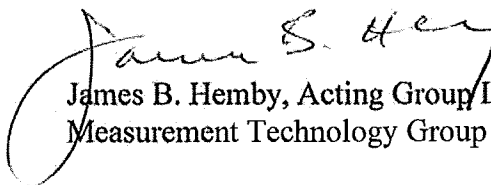
We have reviewed your request and the associated rule language from Subpart S. In consideration of the fact that the required Method 308 testing is not applicable to the control system on your turpentine decanter, we are approving your request to use Draeger® tubes to measure breakthrough between the first and second carbon canisters of this control system as an

alternative to measuring methanol at the inlet and outlet of the system using Method 308. We approve this alternative testing approach for methanol specifically for the carbon canister control system on your turpentine decanter at your Evadale Mill location only, with the following provisos:

- The carbon canister control system used to control the methanol emissions from the turpentine decanter will be evaluated for methanol breakthrough on a monthly basis using Draeger® tubes with a minimum detection limit not to exceed 25 ppm methanol. You must sequentially collect three such Draeger® tube samples following the tube manufacturer's instructions.
- If methanol breakthrough is detected in the emission gas stream after the first canister and before the second canister by any one of the three Draeger® tube samples, the facility must notify the appropriate regulatory authority and take appropriate action which may include replacing the first carbon canister prior to the next monthly breakthrough test.
- If methanol breakthrough is detected, you must also evaluate total system breakthrough by performing the alternative measurement procedure using Draeger® tubes, with a minimum detection limit not to exceed 25 ppm methanol. You must sequentially collect three Draeger® tube sample collections at the outlet of the third carbon canister. If breakthrough is detected at the outlet of the third carbon canister, this shall be considered an indication of non-compliance and you must notify the appropriate regulatory authority and take appropriate action, which may include replacing all three carbon canisters used in your control system as soon as practicable, to control your emissions.
- Monthly checks will be performed in each calendar month with at least three weeks (21 days) between each check.
- You must include a copy of this approval letter with required test plans and test reports for your turpentine decanter compliance demonstration.

If you have questions or need any further assistance regarding this matter, please contact Ray Merrill of my staff at (919) 541-5225 or at Merrill.raymond@epa.gov.

Sincerely,


James B. Hemby, Acting Group Leader
Measurement Technology Group

cc: John Bradfield, EPA/OAQPS/SPPD
Kelly Spence, EPA/OAQPS/SPPD
Cynthia J. Kaleri, EPA Region 6
Kathryn Saucedo, TCEQ Beaumont Regional Office
James H. Gresham, MeadWestvaco
Katherine Davis, MeadWestvaco

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