From: <u>Johnny Bowers</u>
To: <u>Rosa Mora-Nichols</u>

Subject: FW: STEERS Title V Application Submittal (New Application)

Date: Friday, September 27, 2024 7:38:20 AM

Please process. Thanks!

----Original Message----

From: steers@tceq.texas.gov <steers@tceq.texas.gov> Sent: Thursday, September 26, 2024 10:40 AM

To: RFCAIR5 <RFCAIR5@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>

Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by GABRIEL FARIAS. The submittal was received at 09/26/2024 10:39 AM.

The Reference number for this submittal is 685771

The confirmation number for this submittal is 566412.

The Area ID for this submittal is 1200.

The Project ID for this submittal is 37195.

The hash code for this submittal is

6D7F35E0BFED5FBD3D4E13FDE3D4D8A88E5A760EF8F6E4A094A9472C5FA2FED6.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at https://ida.tceq.texas.gov/steersstaff/index.cfm? fuseaction=openadmin.submitlog&newsearch=yes.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.



September 26, 2024

Air Permits Initial Review Team Texas Commission on Environmental Quality 12100 Park 35 Circle, MC 161 Building C, Third Floor Austin, TX 78753

RE: Site Operating Permit (Title V) 01200 Minor Revision Application
Louisiana-Pacific Corporation – Carthage OSB Mill, Panola County, Texas
Customer Reference Number: CN600127534; Registered Entity Reference Number: RN100215433

To Whom It May Concern:

Louisiana-Pacific Corporation (LP) owns and operates an oriented strandboard (OSB) mill in Carthage, Panola County, Texas (Carthage OSB Mill). LP has been assigned Customer No. (CN) 600127534 by the Texas Commission on Environmental Quality (TCEQ). The Carthage OSB Mill has been assigned TCEQ Air Quality Account No. PB-0010-O and Regulated Entity No. (RN) 100215433. LP is currently authorized via New Source Review (NSR) Permit No. 26002 / PSD-TX-888M2 and Site Operating Permit (SOP) No. O1200.

CHANGES AT THE SITE

LP has authorized the following changes via NSR Permit No. 26002:

- ▶ Replacing two existing dryer Regenerative Thermal Oxidizers (RTOs) (Title V Unit IDs RTOEAST, RTOEASTSTK, RTOWEST, and RTOWESTSTK) with five new RTOs that will have a single exhaust point (Title V Unit ID RTO1-5)
 - The new RTOs were originally authorized via Standard Permit Registration No. 170473 and Title V Notification, Project No. 36335.
 - The new RTO authorization has been incorporated into NSR Permit No. 26002 and Standard Permit Registration No. 170473 has since been voided.
- ▶ Updating special conditions in NSR Permit No. 26002.

There are no changes in federal rule applicability to sources at the site as a result of the above changes as described below. The Carthage OSB Mill must comply with The Plywood and Composite Wood Products (PCWP) Maximum Achievable Control Technology (MACT) standard as specified in Title 40 of the Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart DDDD. Subpart DDDD applies to new, reconstructed, or existing affected sources at a PCWP manufacturing facility. The affected source is the collection of dryers, refiners, blenders, formers, presses, board cooler, and other process units associated with the manufacturing of PCWP. Replacing the dryer controls does not constitute reconstruction of the affected source because the fixed capital cost of the components does not exceed 50% of the fixed capital cost that would be required to construct a comparable new source. Therefore, the Carthage OSB Mill remains an existing source under Subpart DDDD.

Air Permits Initial Review Team - Page 2 September 26, 2024

In addition to the above changes, LP updated representations made for wet and dry fuel storage and handling equipment authorized via PBR Registration No. 84470. No unit specific state or federal applicable requirements apply to the emission sources authorized under this PBR registration. The PBR used to authorize these sources is already represented in SOP No. O1200.

The above changes at the site result in the following changes to the SOP, which are being incorporated with this minor revision application:¹

- ▶ Adding representation of five new RTOs (Title V Unit IDs RTO1-5), which replaced two existing RTOs (Title V Unit IDs RTOEAST, RTOEASTSTK, RTOWEST, and RTOWESTSTK), to the Major NSR Summary Table and to the SOP;
- ▶ Updating the emission rates in the Major NSR Summary Table based on the amended NSR Permit No. 26002; and
- ▶ Updating the references to Special Conditions in the Major NSR Summary Table based on the amended NSR Permit No. 26002.

APPLICATION CONTENTS

Per TCEQ guidance, the following items are required to be included in a SOP minor revision application for changes affecting specific units: TCEQ Form OP-2; TCEQ Forms OP-REQ2 and OP-REQ3, if applicable; applicable TCEQ unit attribute (OP-UA) forms if there have been changes to the forms or other updates and if the changes affect units at the site; TCEQ Form OP-SUMR, if applicable; TCEQ Form OP-MON, if applicable; and information regarding additions or deletions of units and any changes at the site affecting the permit.²

This application includes the following contents:

- ► Attachment 1: TCEQ Form OP-2
- ▶ Attachment 2: TCEQ Form OP-SUMR
- ► Attachment 3: TCEQ Form OP-UA15
- ▶ Attachment 4: TCEQ Form OP-REQ1
- ▶ Attachment 5: TCEQ Form OP-REQ2
- ► Attachment 6: TCEQ Form OP-REQ3
- ▶ Attachment 7: TCEQ Form OP-PBRSUP
- ► Attachment 8: Major NSR Summary Table

POTENTIALLY APPLICABLE FORMS

This section provides details regarding potentially applicable forms.

Addition of Emission Units

For emission units that are being added to the NSR permit, the Major NSR Summary Table is provided. The addition of the new dryer RTOs (Title V Unit ID RTO1-5) affects the NSR Authorization Reference by Emissions Unit table in the Title V permit; therefore, TCEQ Form OP-SUMR has been included.

¹ Amended NSR Permit No. 26002 issued May 13, 2024.

² Per TCEQ guidance. Source: https://www.tceq.texas.gov/downloads/permitting/air/guidance/title-v/forms-summary-chart/@@download/file/forms_summary_chart.pdf, Date Accessed: May 2024.

Air Permits Initial Review Team - Page 3 September 26, 2024

TCEQ Form OP-UA15 applies to the new dryer RTOs (Title V Unit ID RTO1-5). Therefore, TCEQ Form OP-UA15 is included in this application.

There are applicable regulatory requirements associated with the new dryer RTOs (Title V Unit ID RTO1-5). Therefore, Form OP-REQ3 is included in this application.

There is no permit shield being requested for the new dryer RTOs at this time. The dryer RTOs being replaced do have negative applicability documented in the permit shield that is being removed; therefore, TCEQ Form OP-REQ2 is included.

The new dryer RTOs (Title V Unit ID RTO1-5) control volatile organic compound (VOC) and carbon monoxide (CO) emissions from a source with pre-control emissions that are greater than the Title V major source threshold. NSR Permit No. 26002 / PSD-TX-888M2 contains the VOC and CO emission limit and requires that the RTOs controlling the dryers (Wafer Dryers No. 2, 3, 4, and 5) be monitored for temperature as a continuous demonstration of compliance with VOC and CO emission limits in NSR Permit No. 26002 / PSD-TX-888M2. LP believes that these monitoring systems satisfy the CAM exemption for the NSR Permit No. 26002 / PSD-TX-888M2 VOC and CO emission limits for the dryers. Therefore, TCEQ Form OP-MON is not needed to document monitoring requirements for the new dryer RTOs (Title V Unit ID RTO1-5).

NSR Authorization References Updates

TCEQ Form OP-REQ1 is included to update the reference to amended NSR Permit No. 26002/PSD-TX-888M2 issued 5/13/2024. In addition, for changes to the PBR registrations in use at the Carthage OSB Mill, TCEQ Form OP-REQ1 is included to document all PBRs currently active at the site.

PBR Supplemental Information

TCEQ Form OP-PBRSUP is included to provide the supplemental information for emission sources authorized via PBR Registration No. 84470, which authorized updated representations for wet and dry fuel storage and handling equipment.

Air Permits Initial Review Team - Page 4 September 26, 2024

If you have any questions or comments about the information presented in this letter, please do not hesitate to call me at (903) 694-7311.

Sincerely,

LOUISIANA-PACIFIC

Kevin W. Honsycutt

Kevin W. Honeycutt

Plant Environmental, Health & Safety Manager

Attachments

cc: Air Permits Section, U.S. EPA Region 6 (electronically: <u>R6AirPermitsTX@epa.gov</u>)

Michelle Baetz, TCEQ Region 5 - Tyler

John Albers, Louisiana-Pacific

Phil Ferguson, Louisiana-Pacific

Deborah Walden Hersh, Trinity Consultants

ATTACHMENT 1

TCEQ Form OP-2

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

□ NO
□ NO
□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].)					
⊠ vo	\bigcirc C \bigcirc NO _X	\square SO ₂	\triangleright PM ₁₀	⊠ CO	Pb	⊠ HAP
Other:						
IV.	Reference Only Requirements	(For reference only)				
Has tl	Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)?					
V.	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: 09/26/2024

Permit No.: O1200

Regulated Entity No.: RN100215433

Company Name: Louisiana-Pacific Corporation

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

			Unit/Group	Process		
Revision No.	Revision Code	New Unit	ID No.	Applicable Form	NSR Authorization	Description of Change and Provisional Terms and Conditions
1	MS-A	YES	RTO1-5	OP-UA15	26002/PSDTX888M2	Adding new RTOs (Title V Unit ID No. RTO1-5) which replaced two existing RTOs (Title V Unit IDs RTOEAST, RTOEASTSTK, RTOWEST, and RTOWESTSTK). The applicable requirements between the new RTOs and the existing RTOs are the same.
2	MS-A	NO	Various	OP-REQ1	26002/PSDTX888M2	Updating reference to amended NSR Permit No. 26002/ PSDTX888M2 issued 05/13/2024.
3	MS-C	NO	GRPDRYRTO	OP-UA15	26002/PSDTX888M2	Removing reference to this Unit/Group due to the units (Title V Unit IDs RTOEAST and RTOWEST) being replaced with Title V Unit ID No. RTO1-5).
4	MS-C	NO	GRPRTOSTK	OP-UA15	26002/PSDTX888M2	Removing reference to this Unit/Group due to the units (Title V Unit IDs RTOEASTSTK and RTOWESTSTK) being replaced with Title V Unit ID No. RTO1-5).
5	MS-A	NO	Various	OP-PBRSUP	106.261/11/01/2003	Representations were updated for wet and dry fuel storage and handling equipment authorized via PBR Registration No. 84470. No unit specific state or federal applicable requirements apply to the emission sources authorized under this PBR registration. The PBR used to authorize these sources is already represented in SOP No. O1200.

ATTACHMENT 2 TCEQ Form OP-SUMR

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.
09/26/2024	O1200	RN100215433

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
A	1	RTO1-5	OP-UA15	Dryer Regenerative Thermal Oxidizers Combined Exhaust Stack		26002	PSDTX888M2
D	3	RTOEAST	OP-REQ2	EAST DRYER RTO		26002	PSDTX888M2
D	3	RTOWEST	OP-REQ2	WEST DRYER RTO		26002	PSDTX888M2
D	4	RTOEASTSTK	OP-UA15	EAST DRYER RTO STACK		26002	PSDTX888M2
D	4	RTOWESTSTK	OP-UA15	WEST DRYER RTO STACK		26002	PSDTX888M2

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.
09/26/2024	O1200	RN100215433

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
3	RTOEAST	OP-REQ2	D	GRPDRYRTO
3	RTOWEST	OP-REQ2	D	GRPDRYRTO
4	RTOEASTSTK	OP-UA15	D	GRPRTOSTK
4	RTOWESTSTK	OP-UA15	D	GRPRTOSTK

ATTACHMENT 3 TCEQ Form OP-UA15

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.
09/26/2024	01200	RN100215433

Emission Point ID No.	SOP/GOP Index No.	Alternate Opacity Limitation	AOL ID No.	Vent Source	Opacity Monitoring System	Construction Date	Effluent Flow Rate
RTO1-5	R1111-RTO	NO		OTHER	OPMON	72+	100+
GRPRTOSTK	R1111-2	NO		OTHER	OPMON	72+	100+

ATTACHMENT 4 TCEQ Form OP-REQ1

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

Date:	09/26/2024
Permit No.:	O1200
RN No.:	RN100215433

For SOP applications, answer ALL questions unless otherwise directed.

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

		<u> </u>				
Form OP-REQ1: Page 87						
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)						
E. PSD Permits and	d PSD M	Aajor Pollutants				
PSD Permit No.: PSDTX888	M2	Issuance Date: 05/13/2	024	Pollutant(s): CO, NO _x ,	VOC, PM ₁₀	
PSD Permit No.:		Issuance Date:		Pollutant(s):		
PSD Permit No.:		Issuance Date:		Pollutant(s):		
PSD Permit No.:		Issuance Date:		Pollutant(s):		
If PSD Permits are held for th Technical Forms heading at:						
F. Nonattainment ((NA) Per	rmits and NA Major	Pollutar	nts		
NA Permit No.:		Issuance Date:		Pollutant(s):		
NA Permit No.:		Issuance Date:		Pollutant(s):		
NA Permit No.:		Issuance Date:		Pollutant(s):		
NA Permit No.:		Issuance Date:		Pollutant(s):		
If NA Permits are held for the Technical Forms heading at:						
G. NSR Authorizat	ions wit	h FCAA § 112(g) Req	quireme	nts		
NSR Permit No.:	Issuance	e Date:	NSR Permit No.:		Issuance Date:	
NSR Permit No.:	Issuance	e Date:	NSR Permit No.:		Issuance Date:	
NSR Permit No.:	Issuance	e Date:	NSR Permit No.:		Issuance Date:	
NSR Permit No.:	Issuance	e Date:	NSR Pe	ermit No.:	Issuance Date:	
	_	16 Permits, Special P Rule, PSD Permits,				
Authorization No.: 26002	Issuance Date: 05/13/2024		Authorization No.:		Issuance Date:	
Authorization No.:	Authorization No.: Issuance Date:		Authori	zation No.:	Issuance Date:	
Authorization No.:	Issuance	e Date:	Authori	zation No.:	Issuance Date:	
Authorization No.:	Issuance	e Date:	Authori	zation No.:	Issuance Date:	

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

Federal Operating Permit Program

Date:	09/26/2024
Permit No.:	O1200
RN No.:	RN100215433

For SOP applications, answer ALL questions unless otherwise directed.

For GOP applications, answer ONLY these question unless otherwise directed.

Form OP-REQ1: Page 88	Form OP-REQ1: Page 88					
XII. NSR Authorizations (Attach ac	XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)					
♦ I. Permits by Rule (30 TAC	Chapter 106) for the Application Area					
A list of selected Permits by Rule (prev. FOP application is available in the ins	iously referred to as standard exemptions) that are required to be listed in the tructions.					
PBR No.: 106.227	Version No./Date: 09/04/2000					
PBR No.: 106.261	Version No./Date: 11/01/2003					
PBR No.: 106.263	Version No./Date: 11/01/2001					
PBR No.: 106.265	Version No./Date: 09/04/2000					
PBR No.: 106.433	Version No./Date: 09/04/2000					
PBR No.: 106.472	Version No./Date: 09/04/2000					
PBR No.: 106.475	Version No./Date: 09/04/2000					
PBR No.: 106.476	Version No./Date: 09/04/2000					
PBR No.: 106.511	Version No./Date: 09/04/2000					
PBR No.: 51	Version No./Date: 06/07/1996					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.:	Version No./Date:					
PBR No.: Version No./Date:						
J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum						
Permit No.:	Issuance Date:					
Permit No.:	Issuance Date:					
Permit No.:	Issuance Date:					
Permit No.:	Issuance Date:					

Reset Form Print Form

ATTACHMENT 5 TCEQ Form OP-REQ2

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

Date	Permit No.	Regulated Entity No.
09/26/2024	O1200	RN100215433

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
D	3	GRPDRYRTO	OP-REQ2	Chapter 111		Units do not combust domestic, municipal, commercial, or industrial solid waste as defined in section 101.1.
D	3	GRPDRYRTO	OP-UA5	Chapter 112		Does not burn solid fossil fuel or liquid fuel.

ATTACHMENT 6 TCEQ Form OP-REQ3

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

Table 1a: Additions

Date: 09/26/2024	Regulated Entity No.: RN100215433	Permit No.: O1200
Company Name: Louisiana-Pacific Corporation	Area Name: Carthage Oriented Strandboard (OSB) 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	RTO1-5	OP-UA15	R1111-RTO	PM (OPACITY)	Chapter 111	§111.111(a)(1)(B)
						§111.111(a)(1)(C)
						§111.111(a)(1)(E)

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

Table 1b: Additions

Date: 09/26/2024	Regulated Entity No.: RN100215433	Permit No.: O1200
Company Name: Louisiana-Pacific Corporation	Area Name: Carthage Oriented Strandboard (OSB) Mill	

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
1	RTO1-5	R1111-RTO	PM (OPACITY)	§111.111(a)(1)(D)	§111.111(a)(1)(C)	None
				[G]§111.111(a)(1)(F)	§111.111(a)(1)(D)	

Applicable Requirements Summary

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

Table 2a: Deletions

Date: 09/26/2024	Regulated Entity No.: RN100215433	Permit No.: O1200
Company Name: Louisiana-Pacific Corporation	Area Name: Carthage Oriented Strandboard (OSB) 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)
4	GRPRTOSTK	OP-UA15	R1111-2	PM (OPACITY)	Chapter 111	§111.111(a)(1)(B)
						§111.111(a)(1)(C)
						§111.111(a)(1)(E)

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

Table 2b: Deletions

Date: 09/26/2024	Regulated Entity No.: RN100215433	Permit No.: O1200
Company Name: Louisiana-Pacific Corporation	Area Name: Carthage Oriented Strandboard (OSB) Mill	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements		Reporting Requirements
4	GRPRTOSTK	OP-UA15	R1111-2	PM (OPACITY)	§111.111(a)(1)(D)	§111.111(a)(1)(C)	None
					[G]§111.111(a)(1)(F)	§111.111(a)(1)(D)	

ATTACHMENT 7 TCEQ Form OP-PBRSUP

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

Date	Permit Number	Regulated Entity Number
09/26/2024	O1200	RN100215433

Unit ID No.	Registration No.	PBR No.	Registration Date
DryFuel	84470	106.261	05/21/2024
F-1	84470	106.261	05/21/2024
Bark Hog	84470	106.261	05/21/2024
FF-1	84470	106.261	05/21/2024
FF-2	84470	106.261	05/21/2024

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

Date	Permit Number	Regulated Entity Number		
09/26/2024	O1200	RN100215433		

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
DryFuel	106.261	11/01/2003	
F-1	106.261	11/01/2003	77'-il-1ii
Bark Hog	106.261	11/01/2003	Visible emissions shall not exceed 5.0% opacity over any six-minute averaging period. Monitoring is conducted once per quarter unless the emission unit is not
FF-1	106.261	11/01/2003	operating for the entire quarter.
FF-2	106.261	11/01/2003	

ATTACHMENT 8 Major NSR Summary Table

Permit Numbers: 26002 and	d PSDTX888M2				Issuance Date: 4	ssuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Ra Air Contaminant Name (3)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
RTOWEST-RTO1-5 (7)	West Dryer WESP/RTO Stack (3	VOC (as C ₃ H ₈)	6.27 8.36	27.47 29.32				
	Dryers, 3 WESPs, and 1 RTO)	NOx	44.21 58.95	193.64 206.6				
	Dryer Regenerative Thermal Oxidizers Combined Exhaust	SO ₂	1.34 2.68	5.87 11. 74		31, 38, 46, 51,	3, 4, 34, 38, 43, 48, 50, 52	
	Stack	РМ	10.15 13.53	40.47	3, 4, 27, 28, 29,			
		PM ₁₀	10.15 13.53	40.47	33, 35, 30, 31, 38, 42, 46, 52			
		PM _{2.5}	10.15 13.53	40.47				
		со	82.59 110.12	361.75 361.92				
		нсно	0.95 1.27	4 .16 4.44				
RTOEAST	East Dryer WESP/RTO Stack (3	VOC (as C₃H₈)	6.27	27.47				
	Dryers, 3 WESPs, `and 1 RTO)	NOx	44.21	193.64			3, 4, 34, 38, 43, 48, 50, 52	
		SO ₂	1.34	5.87				
		PM	10.15	40.47	3, 4, 27, 28, 29, 33, 35, 30, 31,	3, 4, 29, 35, 30, 31, 38, 46, 51,		
		PM ₁₀	10.15	40.47	33, 35, 30, 31, 38, 42, 46, 52	31, 38, 46, 51, 52		
		PM _{2.5}	10.15	40.47				
		60	82.59	361.75				
		нсно	0.95	4.16				

Permit Numbers: 26002 and PSDTX888M2					Issuance Date: 4	Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Emission Rates (6)		Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
RTOWEST & RTOEAST (7)	Combined Dryer WESP/RTO Stacks	VOC (as C₃H₅)	8.36	29.32				
	(4 Dryers, 4 WESPs, and 2 RTOs)	NOx	58.95	206.6				
		SO ₂	2.68	11.74			3, 4, 34, 38, 43, 48, 50, 52	
		PM	13.53	40.47	3, 4, 27, 28, 29, 33, 35, 30, 31, 38, 42, 46, 52	3, 4, 29, 35, 30,		
		PM ₁₀	13.53	40.47		31, 38, 46, 51, 52		
		PM _{2.5}	13.53	40.47				
		co	110.12	361.92				
		HCHO	1.27	4.44				
DRYER MSS1	Dryer 1 Bypass Stack	VOC (as C ₃ H ₈)	33.75	3.38				
		NOx	2.92	0.29				
		РМ	3.71	0.37				
		PM ₁₀	3.71	0.37	3, 4, 35, 52	3, 4, 14, 35, 51, 52	3, 4, 52	
		PM _{2.5}	3.71	0.37				
		со	22.08	2.21				
		нсно	1.89	0.19				
DRYER MSS2		VOC (as C ₃ H ₈)	33.75	3.38	3, 4, 35, 52		3, 4, 52	

Permit Numbers: 26002 and	Permit Numbers: 26002 and PSDTX888M2					Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Rates (6)	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
	Dryer 2 Bypass Stack	NOx	2.92	0.29		3, 4, 14, 35, 51, 52		
		РМ	3.71	0.37				
		PM ₁₀	3.71	0.37				
		PM _{2.5}	3.71	0.37				
		СО	22.08	2.21				
		нсно	1.89	0.19				
RCOPRESS/RTOPRESS	Press RCO/RTO Stack	VOC (as C ₃ H ₈)	4.09	15.08				
		NOx	25.03	63.52				
		SO ₂	0.01	0.04				
		РМ	4.34	16.01				
		PM ₁₀	4.34	16.01	4, 27, 28, 33, 35,	4, 35, 30, 31, 38,	4, 34, 35, 38, 43,	
		PM _{2.5}	4.34	16.01	38, 42, 46, 52	46, 51, 52	48, 50 ,52	
		СО	11.35	41.9				
		нсно	1.77	6.54				
		MDI	0.01	0.03				
		C ₆ H ₅ OH	1.21	4.48				

Permit Numbers: 26002 an	d PSDTX888M2				Issuance Date: 4	Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Emission Rates (6)		Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
PRESSVENT MSS	Press Bypass Stack	VOC (as C ₃ H ₈)	25.27	0.63				
		NOx	0.37	0.01				
		SO ₂	0.33	0.01				
		РМ	4.66	0.12				
		PM ₁₀	2.33	0.06	4 25 52	4 40 05 54 50	4.50	
		PM _{2.5}	2.33	0.06	4, 35, 52	4, 16, 35, 51, 52	4, 52	
		со	0.90	0.02				
		нсно	0.68	0.02				
		MDI	0.12	<0.01				
		C ₆ H ₅ OH	0.34	0.01				
S-1	Saw Line Baghouse Stack	voc	3.89	14.37				
		PM (10)	1.15	5.02	22 27 20 52	20 54 52	20, 52	
		PM ₁₀ (10)	1.15	5.02	33, 37, 39, 52	39, 51, 52	39, 52	
		PM _{2.5} (10)	1.15	5.02				
S-1 MSS (8)	Saw Line Bypass (5)	PM (10)	8.06	0.40	52	17 51 50	52	
		PM ₁₀ (10)	8.06	0.40		17, 51, 52		

Permit Numbers: 26002 and	d PSDTX888M2				Issuance Date: 4	ssuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
		PM _{2.5} (10)	8.06	0.40				
S-2	Aspiration System Baghouse Stack	VOC (C ₃ H ₈)	12.35	45.6				
		PM (10)	0.50	2.17		, 30, 31, 37, 39, 46, 51, 52		
		PM ₁₀ (10)	0.50	2.17			39, 43, 48, 50, 52	
		PM _{2.5} (10)	0.50	2.17	27, 33, 37, 39,			
		нсно	0.41	1.50	42, 46, 52			
		MDI	0.01	0.02				
		MeOH	7.13	26.32				
		C ₆ H ₅ OH	0.01	0.03				
S-3/4	Raw Fuel Bin Baghouse Stack	VOC (C ₃ H ₈)	5.92	21.88				
		PM (10)	0.46	2.02				
		PM ₁₀ (10)	0.46	2.02	27, 33, 37, 39,	20 40 54 50	39, 43, 48, 50,	
		PM _{2.5} (10)	0.46	2.02	42, 46, 52	39, 46, 51, 52	52	
		нсно	0.03	0.13				
		MeOH	0.14	0.53				
S-3/4 MSS (8)		PM (10)	3.46	0.35	52	18, 51, 52	52	

Permit Numbers: 26002 an	d PSDTX888M2				Issuance Date: 4	ssuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Rates (6)	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
	Raw Fuel Bin Bypass Stack	PM ₁₀ (10)	3.46	0.35				
		PM _{2.5} (10)	3.46	0.35				
S-5	Material Reject Baghouse Stack	VOC (C ₃ H ₈)	3.09	11.4				
		PM (10)	1.15	5.02	33, 37, 39, 52	2 39, 51, 52	39, 52	
		PM ₁₀ (10)	1.15	5.02				
		PM _{2.5} (10)	1.15	5.02				
		нсно	0.07	0.24				
		MDI	<0.01	<0.01				
		MeOH	0.33	1.23				
		C ₆ H ₅ OH	<0.01	0.01				
S-6B	Tongue and Groove Sander Dust	VOC (C ₃ H ₈)	1.76	6.48				
	Baghouse Stack	PM (10)	0.90	3.94	22 27 20 50	20 54 50	20.50	
		PM ₁₀ (10)	0.90	3.94	33, 37, 39, 52	39, 51, 52	39, 52	
		PM _{2.5} (10)	0.90	3.94				
S-7	Sander Dust Receiving Bin	VOC (C ₃ H ₈)	1.76	6.48		39, 51, 52	20, 50	
	Baghouse Stack	PM (10)	0.02	0.07	33, 37, 39, 52		39, 52	

Permit Numbers: 26002 and PSDTX888M2					Issuance Date: 4	Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Emission Rates (6)		Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
		PM ₁₀ (10)	0.02	0.07				
		PM _{2.5} (10)	0.02	0.07				
S-8	Finish Fuel System Baghouse Stack	VOC (C ₃ H ₈)	6.82	25.17				
		PM (10)	0.57	2.48				
		PM ₁₀ (10)	0.57	2.48	33, 37, 39, 52	39, 51, 52	39, 52	
		PM _{2.5} (10)	0.57	2.48				
		MeOH	0.08	0.30				
S-9	Thermal Oil Heater Fuel System	VOC (C ₃ H ₈)	1.14	4.20		39, 51, 52		
	Baghouse Stack	PM (10)	0.31	1.35				
		PM ₁₀ (10)	0.31	1.35	33, 37, 39, 52		39, 52	
		PM _{2.5} (10)	0.31	1.35				
		MeOH	0.01	0.05				
R-1	PF Tank 1	нсно	0.02	0.01	40, 52	40, 51, 52	52	
R-2	PF Tank 2	нсно	0.02	0.01	40, 52	40, 51, 52	52	
R-3	MDI Tank 1	MDI	<0.01	<0.01	40, 52	40, 51, 52	52	
R-4	MDI Tank 2	MDI	<0.01	<0.01	40, 52	40, 51, 52	52	

Permit Numbers: 26002 an	Permit Numbers: 26002 and PSDTX888M2				Issuance Date: 12/22/2020 05/13/2024			
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Rates (6)	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
T-1	Gasoline Tank	voc	0.29	0.68	40, 52	40, 51, 52	52	
T-3	Diesel Tank	voc	0.09	<0.01	40, 52	40, 51, 52	52	
F-1	Fuel Pile (5)	voc	0.40	1.76	40			
		РМ	0.04	0.17		40		
		PM ₁₀	0.04	0.17				
		PM _{2.5}	0.04	0.17				
BARK	Bark Handling System (5)	РМ	0.10	0.10	40	40		
		PM ₁₀	0.05	0.05				
		PM _{2.5}	0.01	0.01				
FINES	Excess Fuel System (5)	РМ	0.04	0.09				
		PM ₁₀	0.02	0.04	40	40		
		PM _{2.5}	<0.01	0.01				
TOH-1 (9)	Thermal Oil Heater Bypass Stack	VOC (as C ₃ H ₈)	0.17	0.76				
		NOx	3.14	13.74	3, 4, 52	0 4 54 50	0.4.50	
		SO ₂	0.02	0.08		3, 4, 51, 52	3, 4, 52	
		РМ	0.24	1.04				

Permit Numbers: 26002 and	d PSDTX888M2				Issuance Date: 4	Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission F	Emission Rates (6)		Recordkeeping Requirements	Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.	
		PM ₁₀	0.24	1.04				
		PM _{2.5}	0.24	1.04				
		со	2.64	11.54				
FWP-1	Fire Water Pump	voc	0.25	0.02				
		NOx	3.51	0.35				
		SO ₂	1.23	0.12				
		РМ	0.33	0.03	52	52	52	
		PM ₁₀	0.33	0.03				
		PM _{2.5}	0.33	0.03				
		со	1.25	0.12				
PB-1	Paint Booth	voc	1.26	2.75				
		РМ	1.26	2.77	4 22 40 52	4 40 51 52	4, 52	
		PM ₁₀	1.26	2.77	4, 33, 40, 52	4, 40, 51, 52	4, 52	
		PM _{2.5}	1.26	2.77				

Permit Numbers: 26002 and PSDTX888M2					Issuance Date: 12/22/2020 05/13/2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)	Spec. Cond.	Spec. Cond.	Spec. Cond.
PB-2	Tongue And Groove Paint Booth	voc	1.46	3.19	4, 33, 40, 52	4, 40, 51, 52	4, 52
		РМ	0.65	1.42			
		PM ₁₀	0.65	1.42			
		PM _{2.5}	0.65	1.42			
ABRTSTK	Bark Burner Abort Stack	voc	0.34	0.06	4, 12, 35, 52	4, 12, 35, 51, 52	4, 52
		NOx	4.60	1.51			
		SO ₂	0.50	0.07			
		РМ	11.54	1.61			
		PM ₁₀	10.34	1.45			
		PM _{2.5}	8.94	1.25			
		со	4.80	1.73			

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

PM2.5 - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide HCHO - formaldehyde

MDI - methylene-diphenyl-diisocyanate

 $\begin{array}{cccc} \text{MeOH} & & - & \text{methanol} \\ \text{C}_6 \text{H}_5 \text{OH} & & - & \text{phenol} \\ \end{array}$

- (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) Planned startup and shutdown emissions are included, as well as planned maintenance activities identified as part of permit amendment issued on September 18, 2014.
- (7) Maximum combined emissions for both 5 RTOs.
- (8) These are not additional EPNs but represent emissions from EPNs S-1 and S-3/4 during emergency shutdown.
- (9) The Thermal Oil Heater vents to the atmosphere through this bypass stack only when firing natural gas. VOCs on this MAERT are quantified as propane (C₃H₈), where noted.
- (10) Wood dust included.

Texas Commission on Environmental Quality

Title V Existing 1200

Site Information (Regulated Entity)

What is the name of the permit area to be CARTHAGE ORIENTED STRANDBOARD

authorized? MILL

Does the site have a physical address? Yes

Physical Address

Number and Street 1199 COUNTY ROAD 201

City CARTHAGE

 State
 TX

 ZIP
 75633

 County
 PANOLA

 Latitude (N) (##.######)
 32.188333

 Longitude (W) (-###.######)
 94.3625

 Primary SIC Code
 2493

Secondary SIC Code

Primary NAICS Code 321219

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN100215433

What is the name of the Regulated Entity (RE)? CARTHAGE ORIENTED STRANDBOARD

MILL

Does the RE site have a physical address?

Yes

Physical Address

Number and Street 1199 COUNTY ROAD 201

City CARTHAGE

 State
 TX

 ZIP
 75633

 County
 PANOLA

 Latitude (N) (##.#####)
 32.188333

 Longitude (W) (-###.######)
 -94.3625

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

CN600127534

(CN)?

Type of Customer Corporation

Full legal name of the applicant:

Legal Name Louisiana-Pacific Corporation

Texas SOS Filing Number 3324906
Federal Tax ID 930747274
State Franchise Tax ID 19306090747

State Sales Tax ID

Local Tax ID

DUNS Number 61500534

Number of Employees 501+

Independently Owned and Operated? Yes

Responsible Official Contact

Person TCEQ should contact for questions

about this application:

Organization Name LOUISIANA-PACIFIC CORPORATION

Prefix MR

First GABRIEL

Middle

Last FARIAS

Suffix Credentials

Title VP OSB MANUFACTURING

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if 1610 W END AVE

applicable)

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

STE 200

City

NASHVILLE

State TN ZIP 37203

Phone (###-###) 6159865874

Extension

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

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

E-mail gabriel.farias@lpcorp.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions

about this application

Select existing DAR contact or enter a new JOHN ALBERS(LOUISIANA-PACIF...)

contact.

Organization Name LOUISIANA-PACIFIC CORPORATION

Prefix MR First JOHN

Middle

Last ALBERS

Suffix

Credentials

Title PLANT MANAGER

Enter new address or copy one from list

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if

applicable)

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

City CARTHAGE

State TX Zip 75633

Phone (###-###) 9036947300

Extension

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

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

E-mail john.albers@lpcorp.com

Technical Contact

Person TCEQ should contact for questions

about this application:

Select existing TC contact or enter a new

contact.

Organization Name LOUISIANA-PACIFIC CORPORATION

1199 COUNTY ROAD 201

KEVIN HONEYCUTT(LOUISIANA-PACIF...)

Prefix MR
First KEVIN

Middle

Last HONEYCUTT

Suffix Credentials

Title PLANT EHS MANAGER

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if 1199 COUNTY ROAD 201

applicable)

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

City CARTHAGE

 State
 TX

 ZIP
 75633

 Phone (###-#####)
 9036947311

Extension

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

Fax (###-###) 9036942563

E-mail Kevin.Honeycutt@LPCorp.com

Title V General Information - Existing

1) Permit Type: SOP

2) Permit Latitude Coordinate:32 Deg 11 Min 18 Sec3) Permit Longitude Coordinate:94 Deg 21 Min 45 Sec

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

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

4.1.1. Are there any permits that should be No voided upon issuance of this permit application

through permit conversion?

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

5) Who will electronically sign this Title V application?

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

Duly Authorized Representative

No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

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

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 <a href=/ePermitsExternal/faces/file?

fileId=218012>LP Carthage TV Minor Revision

(2024-0926).pdf

Hash 242F541C7EA488E123A08E2CEE64126343A3BB4E009927002E0D0D6253EE6C83

MIME-Type application/pdf

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

Expedite Title V

Certification

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

- 1. I am John Albers, the owner of the STEERS account ER091163.
- 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 1200.
- 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 Albers OWNER OPERATOR

Account Number: ER091163
Signature IP Address: 12.106.165.242
Signature Date: 2024-09-26

Signature Hash: E5558DB6702CEE6DD466AF23E159F7441E127BA34F401336758BFB13CA0B6A0C Form Hash Code at time of Signature: E5558DB6702CEE6DD466AF23E159F7441E127BA34F401336758BFB13CA0B6A0C 6D7F35E0BFED5FBD3D4E13FDE3D4D8A88E5A760EF8F6E4A094A9472C5FA2FED6 time of Signature:

Submission

Reference Number: The application reference number is 685771

Submitted by: The application was submitted by

ER091163/John Albers

Submitted Timestamp: The application was submitted on 2024-09-26

at 10:39:45 CDT

Submitted From: The application was submitted from IP address

12.106.165.242

Confirmation Number: The confirmation number is 566412

Steers Version: The STEERS version is 6.82
Permit Number: The permit number is 1200

Additional Information

Application Creator: This account was created by Jeremy Harrison