

Temple, Jessica

From: Williams, Kristi
Sent: Thursday, May 25, 2017 4:05 PM
To: Temple, Jessica
Subject: RE: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

There are no "in progress" TMDLs for the waterbodies listed in the permit.

From: Temple, Jessica
Sent: Thursday, May 25, 2017 4:02 PM
To: Clem, Sarah
Cc: Wentz, Tate; Wise, Jim; Barnett, Mary; Williams, Kristi
Subject: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

I have been assigned Green Bay Packaging Inc.- Arkansas Kraft Division, AR0001830. In preparation for renewal of the permit, within 5 days please ask staff to provide me the following information:

- **a report that summarizes the results of aquatic toxicity tests results for discharges from the Permittee's facility during the previous permit term**
- **any new developments with the TMDL**
- **any new developments with the UAA**
- **changes in anti-degradation policy for the receiving stream**
- **water quality issues related to the receiving stream**
- **impairment of the receiving waterbody**
- **do we need to meet with the facility**
- **ERW, ESW. Etc.**

Comments:

<https://www.adeg.state.ar.us/downloads/WebDatabases/PermitsOnline/NPDES/Permits/AR0001830.pdf>

11110203/3F/Arkansas River

Thanks

Jessica

Temple, Jessica

From: Wentz, Tate
Sent: Friday, May 26, 2017 7:53 AM
To: Temple, Jessica
Subject: RE: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

There are no active SSC or UAA studies for this segment.

From: Temple, Jessica
Sent: Thursday, May 25, 2017 4:02 PM
To: Clem, Sarah
Cc: Wentz, Tate; Wise, Jim; Barnett, Mary; Williams, Kristi
Subject: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

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11110203/3F/Arkansas River

Thanks

Jessica

Temple, Jessica

From: Wise, Jim
Sent: Thursday, June 01, 2017 11:30 AM
To: Temple, Jessica
Subject: FW: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

Jessica,

I had a question for Sarah on this permit and she just got back to me.

The Arkansas occasionally has issues with elevated TDS. However, that portion of the river has no impairments as per the 2008 and 2016 303d list.

As for meeting with the facility, yes. I believe the NPDES permitting policy requires you to meet with every major discharger.

Please add the HUC 11110203 and Reach 010 to the permit. It will help both of us later.

Thanks

Jim

From: Temple, Jessica
Sent: Thursday, May 25, 2017 4:02 PM
To: Clem, Sarah
Cc: Wentz, Tate; Wise, Jim; Barnett, Mary; Williams, Kristi
Subject: AR0001830-Green Bay Packaging Inc.- Arkansas Kraft Division

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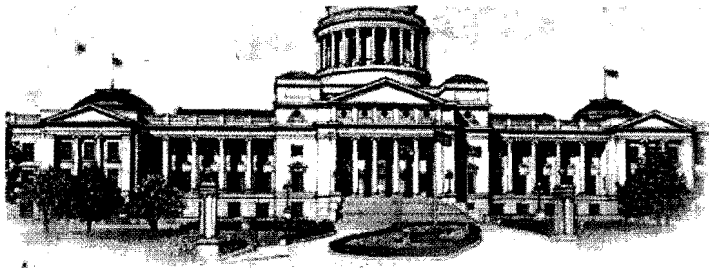
Comments:

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11110203/3F/Arkansas River

Thanks

Jessica



ARKANSAS
SECRETARY OF STATE

Mark Martin

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LLC Member information is now confidential per Act 865 of 2007

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For service of process contact the [Secretary of State's office](#).

Corporation Name	GREEN BAY PACKAGING INC.
Fictitious Names	
Filing #	100061110
Filing Type	Foreign For Profit Corporation
Filed under Act	For Bus Corp; 958 of 1987
Status	Good Standing
Principal Address	
Reg. Agent	THE CORPORATION COMPANY
Agent Address	124 WEST CAPITOL AVE, STE 1900 LITTLE ROCK, AR 72201
Date Filed	02/24/1987
Officers	SEE FILE, Incorporator/Organizer GREEN BAY PACKAGING INC, Tax Preparer WILLIAM KRESS , President WILLIAM WEST , Secretary JOSEPH BAEMMERT , Treasurer TODD REESE , Controller
Foreign Name	N/A
Foreign Address	
State of Origin	WI

Purchase a Certificate of Good Standing for this Entity

Pay Franchise Tax for this corporation

AR20001830 - Green Bay Packaging Inc. -
Arkansas Kraft Division



154

35 5 50, -92 44 27

113


35 5 11.94, -92 43 34.85

Simpson-St

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ARKANSAS
Department of Environmental Quality

AFIN: 15-00001	Permit No.: AR 0001830
Date: 6/21/17	By: Jessica Temple
Project: Green Bay Packaging Inc Arkansas Kraft Division	
Sheet _____ of _____	Printed on recycled content paper ADEQ Engineer/Geologist Grid Pad - Revised 2010 

Previous Permit: Kraft pulp - 850 tpd
purchased pulp - 632 tpd
1482 tpd

From Form 2C: Kraft pulp - 885 tpd
purchased - 713 tpd
1598 tpd

→ Subpart C - unbleached Kraft subcategory

$$885 \frac{\text{tons}}{\text{day}} \times 2000 \frac{\text{lb}}{\text{ton}} = 1,770,000 \text{ lbs/day}$$

BCT limits for BOD5, TSS, pH : 40 CFR 430.33
(lbs/1000 lbs of product)

	Mo. Avg	daily max
BOD	2.8	5.6
TSS	6.0	12.0
pH	6-9	6-9

Mass Permit Limits (lbs/day)

	Mo. Avg	daily max
BOD	4956	9912
TSS	10620	21240
pH	N/A	N/A

$$\text{mass limit} = \text{categorical standard} \times 1,770,000 \frac{\text{lb}}{\text{day}}$$

→ Subpart L - Purchased Pulp Subcategory

$$713 \frac{\text{ton}}{\text{day}} \times 2000 \frac{\text{lb}}{\text{ton}} = 1,426,000 \text{ lb/day}$$

BPT/BCT limits - 40 CFR 430.123/430.122
(lbs/1000 lbs of product)

	Mo. Avg	daily max
BOD	3.6	6.5
TSS	2.8	5.8
pH	5-9	5-9


Mass Permit Limits (lbs/day)

	Mo. Avg	daily max
BOD	5134	9269
TSS	3993	8271

$$\text{mass limit} = \text{BCT/BPT limits} \times 1,426,000 \frac{\text{lb}}{\text{day}}$$

ADEQ

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Date: 6/21/17	By: Jessica Temple
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Sheet _____ of _____	Printed on recycled content paper ADEQ Engineer/Geologist Grid Pad - Revised 2010 

Total mass technology based limits

Pollutant	Subpart C - Kraft Pulp		Subpart L - Purchased Pulp		Total	
	Monthly Avg	Daily Max	Mo. Avg	Daily Max	Mo Avg	Daily Max
BOD5	4956	9912	5134	9269	10,090	19181
TSS	10620	21240	3993	8271	14613	29511

Technology based concentration limit = $\frac{\text{Mass technology based limit}}{(\text{Average flow} \times 8.34)}$

Avg. Flow = ~~11~~ 9.19 MGD (Highest Monthly average of last 2 yrs)


Pollutant	Tech-based mass limits (lbs/day)		Tech-based concentration limit (mg/l)	
	Mo Avg	Daily Max	Mo Avg	Daily Max
BOD5	10090	19181	131.6	250.3
TSS	14613	29511	190.7	385

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ARKANSAS
Department of Environmental Quality

AFIN: 15-00001	Permit No.: AR0001830
Date: _____	By: _____
Project: _____	
Sheet _____ of _____	

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$$\text{critical dilution} = \left(\frac{Q_d}{Q_d + Q_b} \right) \times 100$$

$$Q_d = \text{average flow} = 9.19 \text{ MGD} = 14.22 \text{ cfs}$$

$$Q_b = \text{background flow} = 743 \text{ cfs} \times 0.25 = 185.75$$

$$Cd = \frac{14.22}{14.22 + 185.75} = \frac{14.22}{199.97} = \frac{14.22}{757.22} = \frac{14.22}{199.97} = 7.1\%$$

Travis Harmon
Joshua Hines
Sam Leslie
Alan Thomas

} site visit