



Georgia-Pacific Crossett LLC  
Consumer Products

Crossett Paper Operations  
100 Mill Supply Road  
P.O. Box 3333  
Crossett, AR 71635  
(870) 567-8000  
(870) 364-9076 (fax)  
www.gp.com

June 28, 2017

Loretta Reiber, P.E.  
Engineer  
Water Division  
Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

Re: Georgia-Pacific Crossett LLC - Crossett Paper Operations  
NPDES Permit # AR0001210  
Settling Basins Trial – Revised Request

Dear Ms. Reiber:

As we discussed on Monday, June 26, 2017, Georgia-Pacific Crossett LLC, Crossett Paper Operations (GP) intends to initiate a trial to assess the potential to reduce the generation of sulfides in the mill wastewater treatment system. The mill intends to temporarily take the ash settling basins, that are located downstream of the mill's primary clarifier, out of service. The basins are illustrated on the attached process flow diagram and are operated on an alternating basis (one is in service while the opposite basin is cleaned).

Given the low dissolved oxygen present in the wastewater at this stage of the treatment process, anaerobic biological activity is likely occurring in the basins converting sulfate to sulfide. A portion of this sulfide is in the form of aqueous hydrogen sulfide that is released from the wastewater at the basins and at locations downstream through the treatment system. This hydrogen sulfide potentially contributes to odors.

GP will either configure one of the basins as "flow through" or create a conveyance around the basins to allow implementation of the trial. The alterations will be reversible within a short period of time in the event GP determines that returning the basins to service is desired for treatment reasons. The absence of these basins will not impact the mill's ability to comply with any of the NPDES permit limits. Currently, BOD reduction in the ash settling basins has been estimated at less than 5%. With the aeration horsepower at the

Aerated Stabilization Basin, we would not expect to see a change in BOD loadings at Outfall 001. Any solids that would have been collected in these basins will be collected in the front of the mill's Aerated Stabilization Basin where they can be removed via dredging that is completed on a regular basis. In addition, GP has ongoing efforts to investigate ways to reduce solids loadings going to these basins. Efforts have been made to improve ash handling upstream of the WWTS, and plans are underway to add additional dewatering capabilities in order to improve the primary clarifier efficiency. The mill is investigating an additional sludge press capable of removing up to an additional 45 dry tons per day during this trial period. Polymer addition to aid in the dewatering will also be trialed during this time.

If these efforts lead GP to conclude that permanent changes to the wastewater treatment system are warranted to reduce H<sub>2</sub>S emissions or odor, GP will work with ADEQ regarding any necessary permitting changes.

GP respectfully requests ADEQ concurrence with this trial plan given our mutual goal to reduce odors in the Crossett community. GP plans to implement this trial as soon as possible. We believe a twelve-month trial would adequately assess whether eliminating these process units would have positive benefits.

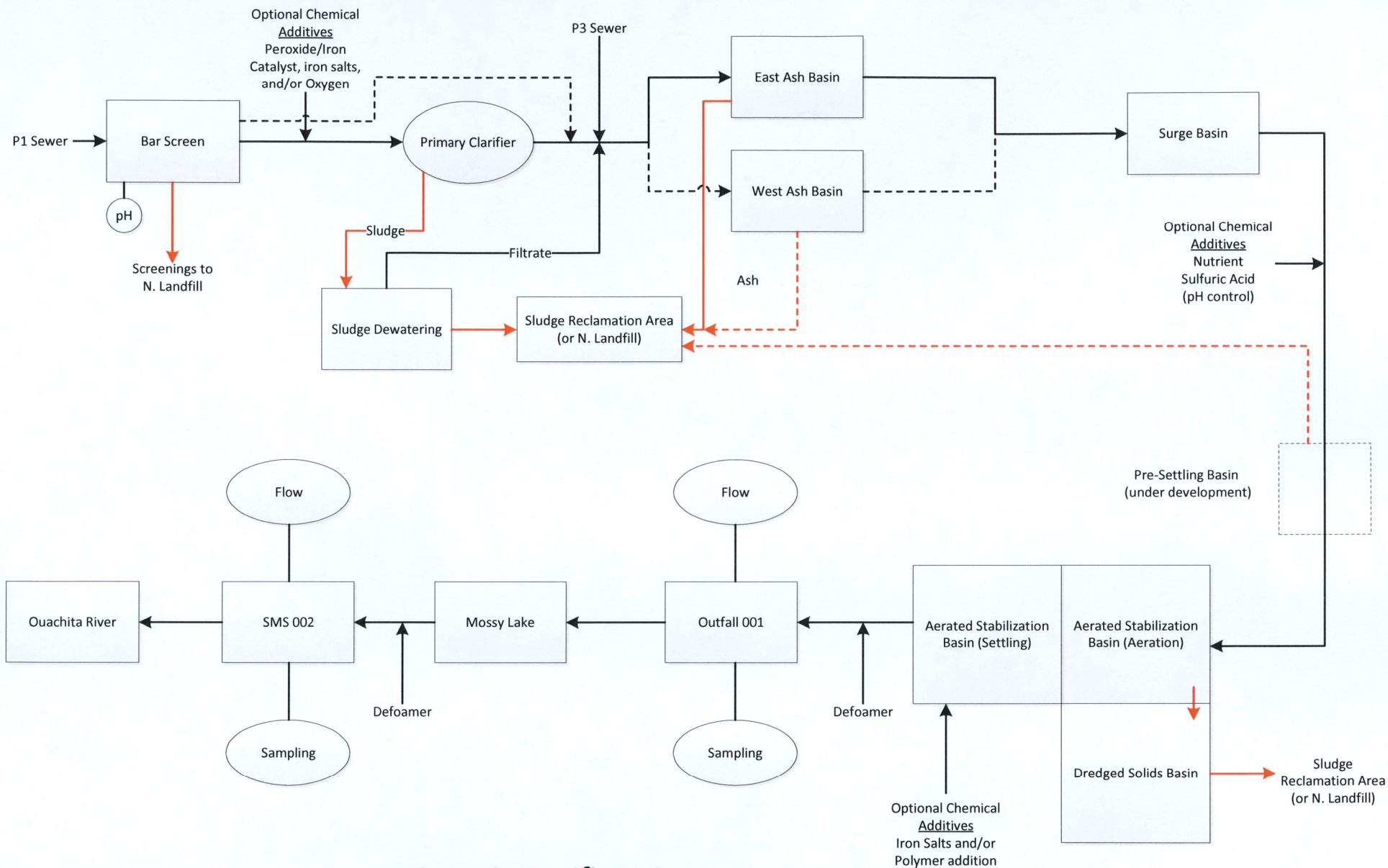
If you have any questions or need additional information prior to this, please feel free to contact me at (870) 567-8670 or by email at [sarah.ross@gapac.com](mailto:sarah.ross@gapac.com).

Sincerely,

A handwritten signature in black ink, appearing to read "Sarah M. Ross". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

Sarah M. Ross  
Environmental Manager  
Crossett Paper Operations

cc: Caleb Osbourne, Associate Director, Water Division ADEQ



**Georgia-Pacific LLC**  
**Crossett Paper Operations**  
**Waste Water Treatment Schematic**

- Normal Operation Fluid
- Normal Operation Solids
- - - -> Alternate Operation



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## 1 From

Date

Sender's  
Name

REBECCA BLANKENSHIP

Phone

870 567-8612

Company

GEORGIA PACIFIC/ENVIRONMENTAL

Address

100 SUPPLY RD

Dept./Floor/Suite/Room

City

CROSSETT

State

AR

ZIP

71635

## 2 Your Internal Billing Reference

## 3 To

Recipient's  
Name

Phone

Company

Address

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

State

AR

ZIP

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PRIORITY OVERNIGHT72118  
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Packages up to 150 lbs.  
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Monday unless Saturday Delivery is selected.☐ FedEx Priority Overnight  
Next business morning.\* Friday shipments will be  
delivered on Monday unless Saturday Delivery  
is selected.☐ FedEx Standard Overnight  
Next business afternoon.\*  
Saturday Delivery NOT available.

## 2 or 3 Business Days

☐ FedEx 2Day A.M.  
Second business morning.\*  
Saturday Delivery NOT available.☐ FedEx 2Day  
Second business afternoon.\* Thursday shipments  
will be delivered on Monday unless Saturday  
Delivery is selected.☐ FedEx Express Saver  
Third business day.\*  
Saturday Delivery NOT available.

## 5 Packaging

\* Declared value limit \$500.

☒ FedEx Envelope\*☐ FedEx Pak\*☐ FedEx  
Box☐ FedEx  
Tube☐ Other

## 6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐ Saturday Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required  
Package may be left without  
obtaining a signature for delivery.☐ Direct Signature  
Someone at recipient's address  
may sign for delivery.☐ Indirect Signature  
If no one is available at recipient's  
address, someone at a neighboring  
address may sign for delivery. For  
residential deliveries only.

## Does this shipment contain dangerous goods?

One box must be checked.

☒ No ☐ Yes  
As per attached  
Shipper's Declaration.☐ Yes  
Shipper's Declaration  
not required.☐ Dry Ice  
Dry Ice, 9, UN 1845 x kg☐ Cargo Aircraft Only

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

## 7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.  
Acct. No. ☐☐ Sender  
Acct. No. in Section  
1 will be billed.☐ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

Total Packages

Total Weight

lbs.

Credit Card Auth.

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document here.



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**FedEx** Package  
Express US AirbillFedEx  
Tracking  
Number

8115 5902 3289

## 1 From

Date 6-28-17

Sender's Name NIDELCA BLANKENSHIP

Phone 870 567-8812

Company GEORGIA PACIFIC/ENVIRONMENTAL

Address 100 SUPPLY RD

Dept./Floor/Suite/Room

City CROSSETT

State AR

ZIP 71605

## 2 Your Internal Billing Reference

## 3 To

Recipient's Name NIDELCA BLANKENSHIP

Phone

Company GEORGIA PACIFIC/ENVIRONMENTAL

Address 100 SUPPLY RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.<sup>1</sup>

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City Crossett

State AR

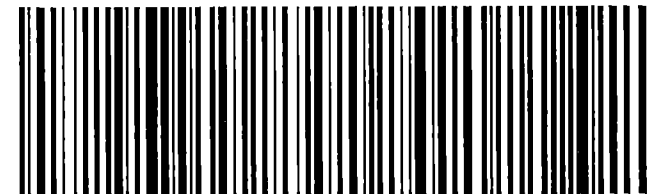
ZIP 71605



8115 5902 3289

FedEx  
TRK# 8115 5902 3289  
0215THU - 29 JUN 10:30A  
PRIORITY OVERNIGHT

X2 LITA

72118  
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LIT

FID 57579 28JUN17 ELDA 546C1/A502/0C8A

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☐ Cargo Aircraft Only

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Enter FedEx Acct. No. or Credit Card No. below.

Obtain recip.  
Acct. No. ☐☒ Sender  
Acct. No. in Section  
1 will be billed.☐ Recipient☐ Third Party☐ Credit Card☐ Cash/Check

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lbs.

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