

From: [Ungerank, Colby](#)
To: [Deardoff, Amy](#)
Subject: FW: re status of OWQ no-discharge permit application
Date: Monday, April 12, 2021 7:38:28 AM
Attachments: image002.png
5201-WR-3 Soil Samples 3.24.2021.pdf
ADH Notification Letter 1-5-2021.pdf
Certificate of Status - Green Bay Packaging Inc. 3.2.2020.pdf
Disclosure_Statement Form.pdf

Web

From: Rae, Harrison [mailto:hrae@gbp.com]
Sent: Wednesday, April 7, 2021 10:54 AM
To: Ungerank, Colby
Cc: Thomas, Alan; Billy Staton
Subject: RE: re status of OWQ no-discharge permit application

Colby,

I have attached the requested soil samples, signed disclosure statement, Department of Health letter, and the Certificate of Good Standing from the state of Wisconsin from the NOD. Please let me know if these documents satisfy the NOD letter, and if you need any further information or documentation.

Thank you,

Harrison Rae
Environmental Engineer
Green Bay Packaging, Inc.
Arkansas Kraft Division
Morrilton, AR
O: (501) 354-9518
M: (501) 306-9918
hrae@gbp.com

From: Deardoff, Amy <DEARDOFF@adeq.state.ar.us>
Sent: Monday, March 8, 2021 10:06 AM
To: mike.cook@denaliwater.com; Cone, William <wcone@gbp.com>
Cc: Ungerank, Colby <UNGERANK@adeq.state.ar.us>
Subject: re status of OWQ no-discharge permit application

15-00001
5201-WR-3
Green Bay Packaging

Good morning. Please find attached a letter regarding the above referenced facility.

Should you have any questions, please contact Colby Ungerank at ungerank@adeq.state.ar.us. As we're often working remotely, email is the quickest way to reach him.

Thank you,

Amy Deardoff | Administrative Specialist

Division of Environmental Quality | Office of Water Quality

5301 Northshore Drive | North Little Rock, AR 72118

t: 501.682.0650 | e: deardoff@adeq.state.ar.us



ARKANSAS
ENERGY & ENVIRONMENT

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY DISCLOSURE STATEMENT

Instructions for the Completion of this Document:

- A. Individuals, firms or other legal entities with no changes to an ADEQ Disclosure Statement, complete items 1 through 5 and 18.
- B. Individuals who never submitted an ADEQ Disclosure Statement, complete items 1 through 4, 6, 7, and 16 through 18.
- C. Firms or other legal entities who never submitted an ADEQ Disclosure Statement, complete 1 through 4, and 6 through 18.

If Not Submitting by ePortal, Mail Original to:

ADEQ

DISCLOSURE STATEMENT

[List Proper Division(s)]

5301 Northshore Drive

North Little Rock, AR 72118-5317

1. APPLICANT: (Full Name)

Green Bay Packaging Inc. - Arkansas Kraft Division

2. MAILING ADDRESS (Number and Street, P.O.Box Or Rural Route) :

338 Highway 113

3. CITY, STATE, AND ZIPCODE:

Morrilton, AR 72110-4327

4a. Applicant Type:

Individual Corporate or Other Entity

4b. Reason for Submission:

Permit License Certification Operational Authority

New Application Modification Renewal Application (If no changes from previous disclosure statement, complete number 5 and 18.)

4c. Division:

Air Water Hazardous Waste Regulated Storage Tank Mining Solid Waste

5. Declaration of No Changes:

The violation history, experience and credentials, involvement in current or pending environmental lawsuits, civil and criminal, have not changed since the last Disclosure Statement that was filed with ADEQ on _____

6. Describe the experience and credentials of the Applicant, including the receipt of any past or present permits, licenses, certifications or operational authorization relating to environmental regulation. (Attach additional pages, if necessary.)

Green Bay Packaging, Inc. - Arkansas Kraft Division has been in operation since 1965. The facility holds the following permits issued by ADEQ:

Air Permit - 0224-AOP-R22
NPDES Wastewater Permit - AR0001830
NPDES Stormwater Permit - AR000A634
Solid Waste Landfill - 0284-S3N

The facility is a small quantity generator (SQG) of hazardous waste; EPA ID ARD006561740.
The facility has above ground storage tanks that are registered with the DEQ; RST Permit 15001617.
The facility operates with ADEQ licensed solid waste operators and wastewater operators.

The facility's Environmental Department is staffed by an Environmental Manager, Environmental Engineer, one to two Environmental Technicians, and an Administrative Assistant.

7. List and explain all civil or criminal legal actions by government agencies involving environmental protection laws or regulations against the Applicant * in the last ten (10) years including:

1. Administrative enforcement actions resulting in the imposition of sanctions;
2. Permit or license revocations or denials issued by any state or federal authority;
3. Actions that have resulted in a finding or a settlement of a violation; and
4. Pending actions.

(Attach additional pages, if necessary.)

CAO LIS: 14-112 issued 07/29/2014. This CAO was issued as a result of visible PM emissions and a late GP-7 report. A fine of \$500.00 was paid as a settlement of the CAO. CAO was closed.

8. List all officers of the Applicant. (Add additional pages, if necessary.)

NAME: See Attached Exhibit A TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

9. List all directors of the Applicant. (Add additional pages, if necessary.)

NAME: See Attached Exhibit B TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

10. List all partners of the Applicant. (Add additional pages, if necessary.)

NAME: NA TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

11. List all persons employed by the Applicant in a supervisory capacity or with authority over operations of the facility subject to this application.

NAME: William A. Cone TITLE: General Manager & Vice President

STREET: 338 Highway 113

CITY, STATE, ZIP: Morrilton, AR 72110

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

12. List all persons or legal entities, who own or control more than five percent (5%) of the Applicant's debt or equity.

NAME: See Attached Exhibit C TITLE: _____

STREET: _____

CITY, STATE, ZIP: Green Bay, WI

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

13. List all legal entities, in which the Applicant holds a debt or equity interest of more than five percent (5%).

NAME: See Attached Exhibit D TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

14. List any parent company of the Applicant. Describe the parent company's ongoing organizational relationship with the Applicant.

NAME: Green Bay Packaging Inc.

STREET: 1700 N Webster Avenue

CITY, STATE, ZIP: Green Bay, WI 54302-1196

Organizational Relationship:

The corporate office is located in Green Bay, WI.
Green Bay Packaging has 38 locations in 15 states.

Divisions operating in Arkansas include:

- Arkansas Kraft Division - Morrilton
- Pincrest Lumber Division - Plumerville
- Paper Slitting Division - Plumerville
- Fiber Resources Division - Morrilton

15. List any subsidiary of the Applicant. Describe the subsidiary's ongoing organizational relationship with the Applicant.

NAME: See Attached Exhibit E

STREET: _____

CITY, STATE, ZIP: _____

Organizational Relationship:

16. List any person who is not now in compliance or has a history of noncompliance with the environmental laws or regulations of this state or any other jurisdiction and who through relationship by blood or marriage or through any other relationship could be reasonably expected to significantly influence the Applicant in a manner which could adversely affect the environment.

NAME: NA TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

17. List all federal environmental agencies and any other environmental agencies outside this state that have or have had regulatory responsibility over the Applicant.

USEPA

18. VERIFICATION AND ACKNOWLEDGEMENT

The Applicant agrees to provide any other information the director of the Arkansas Department of Environmental Quality may require at any time to comply with the provisions of the Disclosure Law and any regulations promulgated thereto. The Applicant further agrees to provide the Arkansas Department of Environmental Quality with any changes, modifications, deletions, additions or amendments to any part of this Disclosure Statement as they occur by filing an amended Disclosure Statement.

DELIBERATE FALSIFICATION OR OMISSION OF RELEVANT INFORMATION FROM DISCLOSURE STATEMENTS SHALL BE GROUNDS FOR CIVIL OR CRIMINAL ENFORCEMENT ACTION OR ADMINISTRATIVE DENIAL OF A PERMIT, LICENSE, CERTIFICATION OR OPERATIONAL AUTHORIZATION.

COMPLETE THIS SECTION ONLY IF SUBMITTING OTHER THAN BY EPORTAL:

I, William A. Cone, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation.

APPLICANT
SIGNATURE: _____



TITLE: Vice President & General Manager

DATE: 4/2/21

United States of America

State of Wisconsin

DEPARTMENT OF FINANCIAL INSTITUTIONS

Division of Corporate & Consumer Services



To All to Whom These Presents Shall Come, Greeting:

I, Patti Epstein, Administrator of the Division of Corporate and Consumer Services, Department of Financial Institutions, do hereby certify that

GREEN BAY PACKAGING INC.

is a domestic corporation or a domestic limited liability company organized under the laws of this state and that its date of incorporation or organization is April 03, 1948.

I further certify that said corporation or limited liability company has, within its most recently completed report year, filed an annual report required under ss. 180.1622, 180.1921, 181.1622 or 183.0120 Wis. Stats., and that it has not filed articles of dissolution.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the official seal of the Department on March 02, 2020.

A handwritten signature in cursive script that reads 'Patti Epstein'.

PATTI EPSTEIN, Administrator
Division of Corporate and Consumer Services
Department of Financial Institutions

DFI/Corp/33

To validate the authenticity of this certificate

Visit this web address: <http://www.wdfi.org/apps/ccs/verify/>

Enter this code: **261519-62C1847E**

GREEN BAY PACKAGING INC.

338 HWY 113
MORRILTON, AR. 72110



ALAN THOMAS
ENVIRONMENTAL MANAGER

PHONE: 501.354.9289
FACSIMILE: 501.354.9559
EMAIL: ATHOMAS@GBP.COM

January 5, 2021

Ms. Darcia Routh
Source Water Protection
Engineering Section, Arkansas Department of Health
4815 W. Markham St., Slot 37
Little Rock, AR 72205-3867

RE: ADEQ No-Discharge Permit Application
Green Bay Packaging, Inc
Conway County, Arkansas

Dear Ms. Routh:

Please accept this letter as notification that Green Bay Packaging, Inc. has submitted an application to the Arkansas Department of Environmental Quality (ADEQ) for a no-discharge land application permit in Conway County. The land application sites will be used for the beneficial-use land application of pulp and cardboard paper processing wastewater residuals. A site information list and maps are enclosed that identify the location of the proposed land application sites. If you have any questions or need additional information, please contact me at the phone or email address above.

Thank you,

A handwritten signature in black ink, appearing to read 'Alan Thomas', written in a cursive style.

Alan Thomas



Green Bay Packaging Inc., Arkansas Kraft Div.
ATTN: Mr. Harrison Rae
338 HWY 113 South
Morrilton, AR 72110

This report contains the analytical results and supporting information for samples received on March 26, 2021. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Chief Operating Officer or a qualified designee.

A handwritten signature in black ink that reads 'Steve Bradford'.

Steve Bradford
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: Green Bay Packaging Inc., Arkansas Kraft Div.
ATTN: Ms. Debbie Benson
dbenson@gbp.com

Green Bay Packaging Inc., Arkansas Kraft Div.
ATTN: Mr. Alan Thomas
athomas@gbp.com

Green Bay Packaging Inc., Arkansas Kraft Div.
ATTN: Mr. Harrison Rae
hvae@gbp.com



Green Bay Packaging Inc., Arkansas Kraft Div.
338 HWY 113 South
Morrilton, AR 72110

SAMPLE INFORMATION

Project Description:

Nine (9) soil sample(s) received on March 26, 2021
Soil Samples
P.O. No. 204088

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

Laboratory ID	Client Sample ID	Sampled Date/Time	Notes
254027-1	GB2 A	24-Mar-2021	1
254027-2	GB2 B	24-Mar-2021	1
254027-3	GB3 A	24-Mar-2021	1
254027-4	GB3 B	24-Mar-2021	1
254027-5	GB3 C	24-Mar-2021	1
254027-6	GB4 A	24-Mar-2021	1
254027-7	GB4 B	24-Mar-2021	1
254027-8	GB4 C	24-Mar-2021	1
254027-9	GB4 D	24-Mar-2021	1

Notes:

1. Sample label was incomplete in regard to date/time of sampling

Qualifiers:

- H Analytical holding time exceeded regulatory requirements
- X Spiking level is invalid due to the high concentration of analyte in the spiked sample

Case Narrative:

Analysis of soils/sludges are reported on a dry-weight basis unless otherwise specified.

References:

- "Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
- "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
- "Standard Methods for the Examination of Water and Wastewaters", (SM).
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

Green Bay Packaging Inc., Arkansas Kraft Div.
 338 HWY 113 South
 Morrilton, AR 72110

ANALYTICAL RESULTS
AIC No. 254027-1

Sample Identification: GB2 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	7.5 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	170 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	12 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011	82 Prep: 30-Mar-2021 1405 by 100 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D	4400 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1902 by 328	400	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D	< 5 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D	< 0.4 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D	2300 Prep: 30-Mar-2021 0934 by 330 Analyzed: 31-Mar-2021 1038 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D	4.7 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D	8400 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1902 by 328	500	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D	12 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D	1200 Prep: 30-Mar-2021 0934 by 330 Analyzed: 31-Mar-2021 1038 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D	1.1 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D	5.9 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D	180 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D	510 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D	< 7 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D	150 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D	0.63 Prep: 30-Mar-2021 0934 by 330 Analyzed: 31-Mar-2021 1038 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D	19 Prep: 30-Mar-2021 0934 by 330 Analyzed: 30-Mar-2021 1834 by 328	1	mg/Kg Batch: S50783	

Green Bay Packaging Inc., Arkansas Kraft Div.
 338 HWY 113 South
 Morrilton, AR 72110

ANALYTICAL RESULTS
AIC No. 254027-1 (Continued)
Sample Identification: GB2 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Mercury EPA 7471B	< 0.1 Analyzed: 29-Mar-2021 1503 by 330	0.1 Analyzed: 29-Mar-2021 1503 by 330	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A	< 0.7 Analyzed: 26-Mar-2021 1711 by 07	0.7 Analyzed: 26-Mar-2021 1711 by 07	mg/Kg Batch: C24198	H

AIC No. 254027-2
Sample Identification: GB2 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	7.3 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	68 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	16 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011	82 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D	2900 Analyzed: 31-Mar-2021 1637 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D	< 5 Analyzed: 30-Mar-2021 1924 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D	< 0.4 Analyzed: 30-Mar-2021 1924 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D	1400 Analyzed: 31-Mar-2021 1637 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D	3.4 Analyzed: 30-Mar-2021 1924 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D	5400 Analyzed: 31-Mar-2021 1637 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D	5.8 Analyzed: 30-Mar-2021 1924 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D	1400 Analyzed: 31-Mar-2021 1637 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D	1.6 Analyzed: 30-Mar-2021 1924 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D	6.0 Analyzed: 30-Mar-2021 1924 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D	230 Analyzed: 30-Mar-2021 1924 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D	570 Analyzed: 30-Mar-2021 1924 by 328	100	mg/Kg Batch: S50783	

Green Bay Packaging Inc., Arkansas Kraft Div.
338 HWY 113 South
Morrilton, AR 72110

ANALYTICAL RESULTS

AIC No. 254027-2 (Continued)

Sample Identification: GB2 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1924 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 100 Analyzed: 30-Mar-2021 1924 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.44 Analyzed: 31-Mar-2021 1637 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	18 Analyzed: 30-Mar-2021 1924 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1505 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 1733 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-3

Sample Identification: GB3 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D Analyzed: 31-Mar-2021 0911 by 300	6.8		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A Analyzed: 31-Mar-2021 0912 by 300	19	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080 Analyzed: 02-Apr-2021 0850 by 300	5.6	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011 Prep: 30-Mar-2021 1405 by 100	93 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	3300 Analyzed: 31-Mar-2021 1641 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	6.0 Analyzed: 30-Mar-2021 1927 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 0.4 Analyzed: 30-Mar-2021 1927 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1500 Analyzed: 31-Mar-2021 1641 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	4.7 Analyzed: 30-Mar-2021 1927 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7800 Analyzed: 31-Mar-2021 1641 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	11 Analyzed: 30-Mar-2021 1927 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1200 Analyzed: 31-Mar-2021 1641 by 328	50	mg/Kg Batch: S50783	

Green Bay Packaging Inc., Arkansas Kraft Div.
 338 HWY 113 South
 Morrilton, AR 72110

ANALYTICAL RESULTS
AIC No. 254027-3 (Continued)
Sample Identification: GB3 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Molybdenum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 1 Analyzed: 30-Mar-2021 1927 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7.2 Analyzed: 30-Mar-2021 1927 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	240 Analyzed: 30-Mar-2021 1927 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	490 Analyzed: 30-Mar-2021 1927 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1927 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 100 Analyzed: 30-Mar-2021 1927 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.40 Analyzed: 31-Mar-2021 1641 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	32 Analyzed: 30-Mar-2021 1927 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1507 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 1754 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-4
Sample Identification: GB3 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	7.2 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	50 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	12 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011 Prep: 30-Mar-2021 1405 by 100	89 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	2900 Analyzed: 31-Mar-2021 1645 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 5 Analyzed: 30-Mar-2021 1931 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 0.4 Analyzed: 30-Mar-2021 1931 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1900 Analyzed: 31-Mar-2021 1645 by 328	100	mg/Kg Batch: S50783	

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ANALYTICAL RESULTS
AIC No. 254027-4 (Continued)
Sample Identification: GB3 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Copper EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	5.8 Analyzed: 30-Mar-2021 1931 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	6600 Analyzed: 31-Mar-2021 1645 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	8.3 Analyzed: 30-Mar-2021 1931 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1100 Analyzed: 31-Mar-2021 1645 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 1 Analyzed: 30-Mar-2021 1931 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	6.3 Analyzed: 30-Mar-2021 1931 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	240 Analyzed: 30-Mar-2021 1931 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	410 Analyzed: 30-Mar-2021 1931 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1931 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 100 Analyzed: 30-Mar-2021 1931 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.25 Analyzed: 31-Mar-2021 1645 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	35 Analyzed: 30-Mar-2021 1931 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1509 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 1816 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-5
Sample Identification: GB3 C 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D Analyzed: 31-Mar-2021 0911 by 300	7.8		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A Analyzed: 31-Mar-2021 0912 by 300	170	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080 Analyzed: 02-Apr-2021 0850 by 300	21	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011 Prep: 30-Mar-2021 1405 by 100	79 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	

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ANALYTICAL RESULTS
AIC No. 254027-5 (Continued)
Sample Identification: GB3 C 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Aluminum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	5600 Analyzed: 31-Mar-2021 1652 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7.2 Analyzed: 30-Mar-2021 1934 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1.6 Analyzed: 30-Mar-2021 1934 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	29000 Analyzed: 31-Mar-2021 1649 by 328	1000	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	19 Analyzed: 30-Mar-2021 1934 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	9400 Analyzed: 31-Mar-2021 1652 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	17 Analyzed: 30-Mar-2021 1934 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	2500 Analyzed: 31-Mar-2021 1652 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 1 Analyzed: 30-Mar-2021 1934 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	13 Analyzed: 30-Mar-2021 1934 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	880 Analyzed: 30-Mar-2021 1934 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	930 Analyzed: 30-Mar-2021 1934 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1934 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	160 Analyzed: 30-Mar-2021 1934 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.23 Analyzed: 31-Mar-2021 1652 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	130 Analyzed: 31-Mar-2021 1652 by 328	10	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1510 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 1838 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-6
Sample Identification: GB4 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	6.8 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H

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ANALYTICAL RESULTS
AIC No. 254027-6 (Continued)

Sample Identification: GB4 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	26 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	3.6 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011	90 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	Prep: 30-Mar-2021 1405 by 100
Aluminum EPA 3051A, 6010D	1500 Analyzed: 31-Mar-2021 1705 by 328	40	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Arsenic EPA 3051A, 6010D	< 5 Analyzed: 30-Mar-2021 1937 by 328	5	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Cadmium EPA 3051A, 6010D	< 0.4 Analyzed: 30-Mar-2021 1937 by 328	0.4	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Calcium EPA 3051A, 6010D	760 Analyzed: 31-Mar-2021 1708 by 328	10	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Copper EPA 3051A, 6010D	1.6 Analyzed: 30-Mar-2021 1937 by 328	1	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Iron EPA 3051A, 6010D	3500 Analyzed: 31-Mar-2021 1705 by 328	50	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Lead EPA 3051A, 6010D	< 4 Analyzed: 30-Mar-2021 1937 by 328	4	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Magnesium EPA 3051A, 6010D	560 Analyzed: 31-Mar-2021 1708 by 328	5	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Molybdenum EPA 3051A, 6010D	< 1 Analyzed: 30-Mar-2021 1937 by 328	1	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Nickel EPA 3051A, 6010D	3.0 Analyzed: 30-Mar-2021 1937 by 328	1	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Phosphorus EPA 3051A, 6010D	130 Analyzed: 30-Mar-2021 1937 by 328	10	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Potassium EPA 3051A, 6010D	290 Analyzed: 30-Mar-2021 1937 by 328	100	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Selenium EPA 3051A, 6010D	< 7 Analyzed: 30-Mar-2021 1937 by 328	7	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Sodium EPA 3051A, 6010D	< 100 Analyzed: 30-Mar-2021 1937 by 328	100	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Sodium Absorption Ratio EPA 3051A, 6010D	0.43 Analyzed: 31-Mar-2021 1708 by 328			Prep: 30-Mar-2021 0934 by 330
Zinc EPA 3051A, 6010D	11 Analyzed: 30-Mar-2021 1937 by 328	1	mg/Kg Batch: S50783	Prep: 30-Mar-2021 0934 by 330
Mercury EPA 7471B	< 0.1 Analyzed: 29-Mar-2021 1512 by 330	0.1	mg/Kg Batch: S50777	Prep: 29-Mar-2021 1101 by 330

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ANALYTICAL RESULTS
AIC No. 254027-6 (Continued)
Sample Identification: GB4 A 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Nitrate as N EPA 9056A	< 0.6 Analyzed: 26-Mar-2021 1900 by 07	0.6 Analyzed: 26-Mar-2021 1900 by 07	mg/Kg Batch: C24198	H

AIC No. 254027-7
Sample Identification: GB4 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	7.3 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	79 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	10 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011	86 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D	3600 Analyzed: 31-Mar-2021 1711 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D	< 5 Analyzed: 30-Mar-2021 1941 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D	< 0.4 Analyzed: 30-Mar-2021 1941 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D	1600 Analyzed: 31-Mar-2021 1711 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D	3.9 Analyzed: 30-Mar-2021 1941 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D	7200 Analyzed: 31-Mar-2021 1711 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D	6.6 Analyzed: 30-Mar-2021 1941 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D	1600 Analyzed: 31-Mar-2021 1711 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D	< 1 Analyzed: 30-Mar-2021 1941 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D	6.8 Analyzed: 30-Mar-2021 1941 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D	230 Analyzed: 30-Mar-2021 1941 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D	750 Analyzed: 30-Mar-2021 1941 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D	< 7 Analyzed: 30-Mar-2021 1941 by 328	7	mg/Kg Batch: S50783	

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ANALYTICAL RESULTS
AIC No. 254027-7 (Continued)
Sample Identification: GB4 B 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	100 Analyzed: 30-Mar-2021 1941 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.44 Analyzed: 31-Mar-2021 1711 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	26 Analyzed: 30-Mar-2021 1941 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1514 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 2005 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-8
Sample Identification: GB4 C 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D	7.5 Analyzed: 31-Mar-2021 0911 by 300		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A	100 Analyzed: 31-Mar-2021 0912 by 300	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080	9.5 Analyzed: 02-Apr-2021 0850 by 300	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011 Prep: 30-Mar-2021 1405 by 100	84 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	3200 Analyzed: 31-Mar-2021 1715 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 5 Analyzed: 30-Mar-2021 1945 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 0.4 Analyzed: 30-Mar-2021 1945 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	2300 Analyzed: 31-Mar-2021 1715 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	4.4 Analyzed: 30-Mar-2021 1945 by 328	1	mg/Kg Batch: S50783	
Iron EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	6800 Analyzed: 31-Mar-2021 1715 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	9.7 Analyzed: 30-Mar-2021 1945 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1700 Analyzed: 31-Mar-2021 1715 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 1 Analyzed: 30-Mar-2021 1945 by 328	1	mg/Kg Batch: S50783	

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ANALYTICAL RESULTS
AIC No. 254027-8 (Continued)
Sample Identification: GB4 C 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
Nickel EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7.2 Analyzed: 30-Mar-2021 1945 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	270 Analyzed: 30-Mar-2021 1945 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	660 Analyzed: 30-Mar-2021 1945 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1945 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	100 Analyzed: 30-Mar-2021 1945 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.39 Analyzed: 31-Mar-2021 1715 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	26 Analyzed: 30-Mar-2021 1945 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1515 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	< 0.6 Analyzed: 26-Mar-2021 2027 by 07	0.6	mg/Kg Batch: C24198	H

AIC No. 254027-9
Sample Identification: GB4 D 24-Mar-2021

Analyte	Result	RL	Units	Qualifier
pH EPA 9045D Analyzed: 31-Mar-2021 0911 by 300	7.5		Units Batch: W75349	H
Electrical Conductivity (1:1 ratio) Mod. EPA 9050A Analyzed: 31-Mar-2021 0912 by 300	80	2	umho/cm Batch: W75350	
Cation-Exchange Capacity Mod. EPA 9080 Analyzed: 02-Apr-2021 0850 by 300	1.5	0.2	meq/100g Batch: W75387	
Total Solids SM 2540 G 2011 Prep: 30-Mar-2021 1405 by 100	87 Analyzed: 31-Mar-2021 0838 by 100	0.01	wt % Batch: W75339	
Aluminum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	3400 Analyzed: 31-Mar-2021 1719 by 328	40	mg/Kg Batch: S50783	
Arsenic EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	5.1 Analyzed: 30-Mar-2021 1948 by 328	5	mg/Kg Batch: S50783	
Cadmium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 0.4 Analyzed: 30-Mar-2021 1948 by 328	0.4	mg/Kg Batch: S50783	
Calcium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	3200 Analyzed: 31-Mar-2021 1719 by 328	100	mg/Kg Batch: S50783	
Copper EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	6.9 Analyzed: 30-Mar-2021 1948 by 328	1	mg/Kg Batch: S50783	

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ANALYTICAL RESULTS

AIC No. 254027-9 (Continued)

Sample Identification: GB4 D 24-Mar-2021

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Iron EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7300 Analyzed: 31-Mar-2021 1719 by 328	50	mg/Kg Batch: S50783	
Lead EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	10 Analyzed: 30-Mar-2021 1948 by 328	4	mg/Kg Batch: S50783	
Magnesium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	1600 Analyzed: 31-Mar-2021 1719 by 328	50	mg/Kg Batch: S50783	
Molybdenum EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 1 Analyzed: 30-Mar-2021 1948 by 328	1	mg/Kg Batch: S50783	
Nickel EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	7.9 Analyzed: 30-Mar-2021 1948 by 328	1	mg/Kg Batch: S50783	
Phosphorus EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	420 Analyzed: 30-Mar-2021 1948 by 328	10	mg/Kg Batch: S50783	
Potassium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	860 Analyzed: 30-Mar-2021 1948 by 328	100	mg/Kg Batch: S50783	
Selenium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	< 7 Analyzed: 30-Mar-2021 1948 by 328	7	mg/Kg Batch: S50783	
Sodium EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	120 Analyzed: 30-Mar-2021 1948 by 328	100	mg/Kg Batch: S50783	
Sodium Absorption Ratio EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	0.45 Analyzed: 31-Mar-2021 1719 by 328		Batch: S50783	
Zinc EPA 3051A, 6010D Prep: 30-Mar-2021 0934 by 330	34 Analyzed: 30-Mar-2021 1948 by 328	1	mg/Kg Batch: S50783	
Mercury EPA 7471B Prep: 29-Mar-2021 1101 by 330	< 0.1 Analyzed: 29-Mar-2021 1517 by 330	0.1	mg/Kg Batch: S50777	
Nitrate as N EPA 9056A Prep: 26-Mar-2021 1508 by 07	0.85 Analyzed: 26-Mar-2021 2049 by 07	0.6	mg/Kg Batch: C24198	H

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DUPLICATE RESULTS

Analyte	AIC No.	Result	RPD	RPD Limit	Preparation Date	Analysis Date	Dil	Qual
Total Solids	254027-1	82 wt %			30Mar21 1405 by 100	31Mar21 0838 by 100		
	Batch: W75339	Duplicate	0.950	10.0	30Mar21 1405 by 100	31Mar21 0838 by 100		
pH	254027-1	7.5 Units				31Mar21 0911 by 300		H
	Batch: W75349	Duplicate	0.133	5.00		31Mar21 0912 by 300		H
Electrical Conductivity (1:1 ratio)	254027-1	170 umho/cm				31Mar21 0912 by 300		
	Batch: W75350	Duplicate	0.292	20.0		31Mar21 0912 by 300		
Cation-Exchange Capacity	254027-1	12 meq/100g				02Apr21 0850 by 300		
	Batch: W75387	Duplicate	0.138	31.8		02Apr21 0850 by 300		

LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
pH	-	101	98.0-102			W75349		31Mar21 0912 by 300		
Electrical Conductivity (1:1 ratio)	147 umho/cm	101	90.0-110			W75350		31Mar21 0912 by 300		
Aluminum	200 mg/Kg	100	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Arsenic	200 mg/Kg	103	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Cadmium	20.0 mg/Kg	98.4	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Calcium	400 mg/Kg	99.1	85.0-115			S50783	30Mar21 0934 by 330	31Mar21 1031 by 328		
Copper	20.0 mg/Kg	92.4	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Iron	200 mg/Kg	97.7	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Lead	200 mg/Kg	93.8	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Magnesium	400 mg/Kg	101	85.0-115			S50783	30Mar21 0934 by 330	31Mar21 1031 by 328		
Molybdenum	20.0 mg/Kg	100	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Nickel	20.0 mg/Kg	97.1	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Phosphorus	200 mg/Kg	101	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Potassium	400 mg/Kg	111	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Selenium	200 mg/Kg	102	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Sodium	400 mg/Kg	111	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Zinc	20.0 mg/Kg	98.2	85.0-115			S50783	30Mar21 0934 by 330	30Mar21 1824 by 328		
Mercury	1.25 mg/Kg	91.9	85.0-115			S50777	29Mar21 1102 by 330	29Mar21 1441 by 330		
Nitrate as N	50.0 mg/Kg	102	90.0-110			C24198	26Mar21 1508 by 07	26Mar21 1605 by 07		

Green Bay Packaging Inc., Arkansas Kraft Div.
 338 HWY 113 South
 Morrilton, AR 72110

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Aluminum	254027-1	189 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1856 by 328		X
	254027-1	177 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1859 by 328		X
	Relative Percent Difference:		3.34	20.0	S50783				
Arsenic	254027-1	189 mg/Kg	95.7	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	177 mg/Kg	95.8	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		1.57	20.0	S50783				
Cadmium	254027-1	18.9 mg/Kg	91.1	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	17.7 mg/Kg	89.8	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		2.22	20.0	S50783				
Calcium	254027-1	379 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	31Mar21 1034 by 328		X
	254027-1	354 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	31Mar21 1036 by 328		X
	Relative Percent Difference:		0.675		S50783				
Copper	254027-1	18.9 mg/Kg	90.3	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	17.7 mg/Kg	79.7	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		16.3	20.0	S50783				
Iron	254027-1	189 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1856 by 328		X
	254027-1	177 mg/Kg	-	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1859 by 328		X
	Relative Percent Difference:		1.18	20.0	S50783				
Lead	254027-1	189 mg/Kg	87.7	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	177 mg/Kg	85.8	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		2.00	20.0	S50783				
Magnesium	254027-1	379 mg/Kg	93.0	75.0-125	S50783	30Mar21 0934 by 330	31Mar21 1034 by 328		
	254027-1	354 mg/Kg	100	75.0-125	S50783	30Mar21 0934 by 330	31Mar21 1036 by 328		
	Relative Percent Difference:		1.75	20.0	S50783				
Molybdenum	254027-1	18.9 mg/Kg	95.8	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	17.7 mg/Kg	93.0	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		0.0280	20.0	S50783				
Nickel	254027-1	18.9 mg/Kg	92.1	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	17.7 mg/Kg	88.9	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		2.66	20.0	S50783				
Phosphorus	254027-1	189 mg/Kg	105	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	177 mg/Kg	84.6	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		17.5	20.0	S50783				
Potassium	254027-1	379 mg/Kg	99.3	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	354 mg/Kg	85.8	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		12.8	20.0	S50783				
Selenium	254027-1	189 mg/Kg	95.9	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	177 mg/Kg	97.7	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		4.78	20.0	S50783				
Sodium	254027-1	379 mg/Kg	107	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	354 mg/Kg	98.6	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		12.9	20.0	S50783				
Zinc	254027-1	18.9 mg/Kg	89.4	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1827 by 328		
	254027-1	17.7 mg/Kg	83.0	75.0-125	S50783	30Mar21 0934 by 330	30Mar21 1830 by 328		
	Relative Percent Difference:		10.2	20.0	S50783				
Mercury	253945-1	1.97 mg/Kg	81.1	75.0-125	S50777	29Mar21 1102 by 330	29Mar21 1453 by 330		
	253945-1	2.04 mg/Kg	84.4	75.0-125	S50777	29Mar21 1102 by 330	29Mar21 1454 by 330		
	Relative Percent Difference:		2.65	20.0	S50777				
Nitrate as N	254027-1	49.8 mg/Kg	103	80.0-120	C24198	26Mar21 1508 by 07	26Mar21 1627 by 07		
	254027-1	49.9 mg/Kg	102	80.0-120	C24198	26Mar21 1508 by 07	26Mar21 1649 by 07		
	Relative Percent Difference:		0.266	10.0	C24198				

Green Bay Packaging Inc., Arkansas Kraft Div.
338 HWY 113 South
Morrilton, AR 72110

LABORATORY BLANK RESULTS

Analyte	Result	RL	LOQ	QC Sample	Preparation Date	Analysis Date	Qual
Electrical Conductivity (1:1 ratio)	< 2 umho/cm	2	2	W75350-1		31Mar21 0912 by 300	
Cation-Exchange Capacity	< 0.1 meq/100g	0.1	0.1	W75387-1		02Apr21 0850 by 300	
Total Solids	< 0.01 wt %	0.01	0.01	W75339-1	30Mar21 1405 by 100	31Mar21 0838 by 100	
Aluminum	< 2 mg/Kg	2	4	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Arsenic	< 4 mg/Kg	4	5	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Cadmium	< 0.3 mg/Kg	0.3	0.4	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Calcium	< 5 mg/Kg	5	10	S50783-1	30Mar21 0934 by 330	31Mar21 1029 by 328	
Copper	< 0.7 mg/Kg	0.7	1	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Iron	< 3 mg/Kg	3	5	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Lead	< 2 mg/Kg	2	4	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Magnesium	< 4 mg/Kg	4	5	S50783-1	30Mar21 0934 by 330	31Mar21 1029 by 328	
Molybdenum	< 0.6 mg/Kg	0.6	1	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Nickel	< 0.5 mg/Kg	0.5	1	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Phosphorus	< 7 mg/Kg	7	10	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Potassium	< 50 mg/Kg	50	100	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Selenium	< 7 mg/Kg	7	7	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Sodium	< 60 mg/Kg	60	100	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Zinc	< 0.6 mg/Kg	0.6	1	S50783-1	30Mar21 0934 by 330	30Mar21 1822 by 328	
Mercury	< 0.05 mg/Kg	0.05	0.1	S50777-1	29Mar21 1102 by 330	29Mar21 1436 by 330	
Nitrate as N	< 0.03 mg/Kg	0.03	0.5	C24198-1	26Mar21 1508 by 07	26Mar21 1543 by 07	



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CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE 1 OF 3

Client: GREEN BAY PACKAGING		Project Reference: SOIL SAMPLES		Project Manager: H. RAE		Sampled By: H. RAE		Date/Time Collected		G R A B		C O M P		W A T E R L		S O I L		P O N O		NO OF BOTTLES		ANALYSES REQUESTED		AIC CONTROL NO: 254027		AIC PROPOSAL NO:		Carrier:		Received on Ice (4°C)? YES 5/4 NO		Remarks						
AIC No.	Sample Identification	Date/Time Collected	G	R	A	B	C	O	M	P	W	A	S	O	I	L	V	N	H	B	T	Z	Field pH calibration	on	@	Buffer:	Received	Date/Time	Received in Lab	Date/Time	Comments:							
1	G1B2A	3/24/2021	X				X				X											X																
2	G1B2B	3/24/2021	X				X				X											X																
3	G1B3A	3/24/2021	X				X				X											X																
4	G1B3B	3/24/2021	X				X				X											X																
5	G1B3C	3/24/2021	X				X				X											X																
6	G1B4A	3/24/2021	X				X				X											X																
7	G1B4B	3/24/2021	X				X				X											X																
		Container Type																																				
		Preservative																																				
		G = Glass																																				
		P = Plastic																																				
		NO = none																																				
		S = Sulfuric acid pH2																																				
		V = VOA vials																																				
		H = HCl to pH2																																				
		B = NaOH to pH12																																				
		T = Sodium Thiosulfate																																				
		Z = Zinc acetate																																				
		Refinquired By: <i>Abdulbasit</i>																																				
		Date/Time: <i>3/24/2021</i>																																				
		Received By: <i>Q210A</i>																																				
		Date/Time: <i>3/24/2021</i>																																				
		Relinquished By: <i>PANNY BROWN</i>																																				
		Date/Time: <i>3-26-21</i>																																				
		Received in Lab By: <i>PANNY BROWN</i>																																				
		Date/Time: <i>3-26-21</i>																																				
		Comments:																																				



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CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

PAGE 2 OF 3

Client: GREEN Bay Park		Project: PARKING		Reference: SOIL SAMPLES		Project Manager: H. RAE		Sampled By: H. RAE		AIC CONTROL NO: 254027		AIC PROPOSAL NO:		Carrier:		Received on Ice (4°C)? YES 5.4 NO		Remarks:		
AIC No.	Sample Identification	Date/Time Collected	PO No. 201034		NO OF BOTTLES	ANALYSES REQUESTED		NO OF BOTTLES		WATER	SOIL	V = VOA vials	N = Nitric acid pH2	H = HCl to pH2	B = NaOH to pH12	T = Sodium Thiosulfate	Z = Zinc acetate	Field pH calibration on @	Buffer:	
			GRA	COMP		W	S	SOIL	SOIL											
8	G134C	3/24/2011			1				1	X										
9	G134D	3/24/2011			1				1	X										

Turnaround Time Requested: (Please circle) NORMAL or EXPEDITED IN ___ DAYS Expedited results requested by: _____	Relinquished Date/Time BY: <i>Abdulberson</i> 03/26/2011	Received Date/Time By: _____
Who should AIC contact with questions: Phone: _____ Fax: _____	Relinquished Date/Time By: _____	Received in Lab Date/Time By: <i>DANNY BROWN</i> 1409
Report Attention to: _____ Report Address to: _____	Comments:	

Soil Sample Parameters
Arsenic
Aluminum
Cadmium
Copper
Iron
Lead
Mercury
Molybdenum
Nickel
Selenium
Zinc
Total Phosphorous
Total Potassium
Nitrate Nitrogen
Electrical Conductivity
Cation Exchange Capacity
pH
Sodium Absorption Ratio (SAR)
Total Solids