

January 24, 2013

General Permits Section  
 Water Division  
 Arkansas Department of Environmental Quality  
 5301 Northshore Drive  
 North Little Rock, AR 72118

RE: Request to Forgo Industrial Storm Water Sampling Requirements (ARR00C197)

To Whom It May Concern:

This letter is a request and certification by Georgia-Pacific Wood Products, LLC-Fordyce Oriented Strand Board Plant (Fordyce OSB) to forgo the ARR000000 storm water sampling requirements for Total Suspended Solids (TSS), Oil & Grease (O&G), and pH for the remainder of the permit term. Fordyce OSB has effectively demonstrated compliance in four consecutive monitoring periods for these parameters during the 2011 through 2012 monitoring period. Below is a summary of the storm water monitoring results for Storm Water Outfalls 002, 003, 004, and 006. Lab results from 2011 and 2012 are also included for your convenience.

Fordyce OSB storm water monitoring results for TSS, O&G, and pH 2011 through 2012.

Storm Water Outfall 002					Parameter Benchmark Value
Date of Event	4/25/11	11/21/11	3/8/2012	11/11/2012	
O&G (mg/L)	3.0	10.3	2.1	<1.4	15
pH	6.43	6.39	7.39	7.5	6.0-9.0

Storm Water Outfall 003					Parameter Benchmark Value
Date of Event	4/25/11	11/21/11	3/8/2012	11/11/2012	
pH	7.28	6.98	7.51	7.4	6.0-9.0

Storm Water Outfall 004					Parameter Benchmark Value
Date of Event	4/25/11	11/21/11	3/8/2012	11/11/2012	
O&G (mg/L)	5.2	7.2	3.6	<1.4	15
pH	6.49	6.92	7.6	7.1	6.0-9.0

Storm Water Outfall 006					Parameter Benchmark Value
Date of Event	4/25/11	11/21/11	3/8/2012	11/11/2012	
TSS (mg/L)	60.0	38.0	54.0	33.0	100
O&G (mg/L)	1.6	7.2	<1.4	<1.4	15
pH	6.18	6.46	7.69	7.3	6.0-9.0

I 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 fine and imprisonment for knowing violations.

Print Name Chris Morton  
 Title Plant Manager

Signature Chris Morton  
 Date 28 Jan 2013

Respectfully submitted  
 Georgia-Pacific Wood Products, LLC  
 Fordyce Oriented Strand Board Plant

  
 Chris Morton  
 Plant Manager

Arkansas Department of Environmental  
Quality (ADEQ)  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

*Industrial Stormwater General Permit  
(ARR000000) Annual Report Form*

Permit No. ARR00C197	
Permittee Name: Georgia-Pacific Wood Products, LLC.	
Facility Name: Fordyce OSB Facility	
Facility Physical Address ( <u>not</u> mailing address): 1 Georgia Pacific Rd	
Facility City: Fordyce	Zip Code: 71742

Facility Contact Name: Dewayne Henry	Title: Environmental Coordinator
Facility Contact Phone Number (870) 352-7252	Facility Contact Email: edhenry@gapac.com
Reporting Period: January 1 <sup>st</sup> to December 31 <sup>st</sup> 2012 (Year)	

This Form may be used to submit your annual report to ADEQ. All facilities must submit a signed annual report each year on or before **January 31<sup>st</sup>**. DMRs for each monitored outfall must be submitted with the annual report. Retain a copy of your submitted report onsite.

**1. Benchmarks Exceeded**

<p>Did the facility exceed the benchmark for any parameter during the previous calendar year (Jan 1<sup>st</sup> – Dec 31<sup>st</sup>)? <b>Note:</b> If a parameter was sampled at a discharge point more than once then all the samples needs to be reported and evaluated individually:</p> <p>Yes <input checked="" type="checkbox"/> - <b>Complete Sections 2, 3, 4, 5 and 6.</b></p> <p>No <input type="checkbox"/> - <b>Complete Section 2, 3, 5 and 6.</b></p> <p>Include any additional comments here:</p>
---

**2. Evaluations and Inspections**

Facilities are required to complete a minimum of 4 visual site inspections and 1 comprehensive site compliance evaluation per year. Please include the dates of these inspections below. If more than the minimum number of inspections and evaluations were completed, please just include dates for 4 visual site inspections and 1 comprehensive site compliance evaluation.	
Visual Site Inspection #1 Date	2/29/12
Visual Site Inspection #2 Date	6/27/12
Visual Site Inspection #3 Date	9/27/12
Visual Site Inspection #4 Date	12/4/12
Comprehensive Site Compliance Evaluation Date	2/29/12

### 3. Stormwater Problems Identified At the Facility

Instructions: Based on the best available information, briefly describe any potential or actual stormwater pollution problem(s) you identified during the previous calendar year (Jan 1<sup>st</sup> – Dec 31<sup>st</sup>) comprehensive site evaluation and quarterly visual site inspections.

- Sources of available information may also include (but may not be limited to): SWPPP reviews, audits made by consultants or providers of technical assistance, inspection reports or other notification made by federal/state/local authorities, visual observations, and/or your facility's monthly site inspections (self-inspections).
- For each problem identified, provide the date you discovered the problem (estimate if necessary).
- Do not include problems discovered through stormwater sampling. This information is covered in Section 4.
- **If no problems were identified, put N/A for Not Applicable.**

**Date Problem Discovered: N/A Describe the Problem: N/A**

**Date Problem Discovered: N/A Describe the Problem: N/A**

**Date Problem Discovered: N/A Describe the Problem: N/A**

**Date Problem Discovered: N/A Describe the Problem: N/A**

#### 4. Corrective Actions Planned or Taken

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan – Dec). If the parameter benchmark value is exceeded, the facility must investigate the cause of each parameter exceedance and determine a corrective action plan. To do this, indicate below in which sampling period an exceedance occurred. If more than one sample was taken at a sample location, indicate all sample results that exceeded the benchmark. Note: If the facility exceeded the benchmark for more than one parameter (e.g., turbidity & zinc), make additional copies of Section 4 and complete one for each parameter.

**Pollutant Parameter: TSS** benchmark was exceeded during the following sampling period (check all that apply):

1<sup>st</sup> Sampling period (January-June)

2<sup>nd</sup> Sampling Period (July-December)

**Pollutant Parameter: COD** benchmark was exceeded during the following sampling period (check all that apply):

1<sup>st</sup> Sampling period (January-June)

2<sup>nd</sup> Sampling Period (July-December)

For the each pollutant parameter exceeding the benchmark summarize below any corrective actions plan **completed** during the previous calendar year and include the dates you completed the corrective actions.

A Corrective Action Plan (CAP) was initiated upon receiving the analytical results from the first monitoring period (January – June) taken on 03/8/2012. The results showed TSS and COD levels at Storm Water Outfalls 002, 003, and 004 above the benchmark value. The CAP included a review of the SWPPP, a field investigation to identify potential sources, and a review of additional BMP's that Fordyce OSB could utilize at these Outfalls.

Log storage, woody debris, and gravel road surfaces are located in the Outfall 002, 003, and 004 watersheds. These sources have been identified as the potential causes to the TSS and/or COD exceedances. Corrective actions from the 1<sup>st</sup> sampling period were implemented in 2012 in each of these watersheds. For the Outfall 002 watershed, corrective actions included the construction of a diversion berm, directing storm runoff to an on-site vegetated area, and the excavation of deposited material in a storm drainage ditch which leads to Outfall 002. Both of these corrective actions were completed in August 2012. For the Outfall 003 watershed, one diversion berm was constructed to divert runoff to a sediment basin (completed September 2012) and a second diversion berm was constructed to divert storm water into an on-site vegetated area (completed September 2012). Outfall 004 corrective actions included an evaluation of the housekeeping procedures within the watershed (completed October 2012) and the installation of a diversion berm to route runoff to an on-site vegetated area (completed in October 2012).

For the each pollutant parameter exceeding the benchmark summarize any corrective actions plan **initiated** during the previous calendar year, but have **not yet been completed**. Identify the date you expect to complete corrective actions.

The construction planning of a screen structure and concrete "clean out" area for trapped materials in a storm ditch leading to Outfall 002 was initiated in December 2012. Plans are to complete these efforts in 2013.

#### 4. Corrective Actions Planned or Taken cont'd

Instructions: Complete this section for each pollutant parameter (e.g., turbidity, copper) that exceeded a benchmark during the previous calendar year (Jan – Dec). If the parameter benchmark value is exceeded, the facility must investigate the cause of each parameter exceedance and determine a corrective action plan. To do this, indicate below in which sampling period an exceedance occurred. If more than one sample was taken at a sample location, indicate all sample results that exceeded the benchmark. Note: If the facility exceeded the benchmark for more than one parameter (e.g., turbidity & zinc), make additional copies of Section 4 and complete one for each parameter.

**Pollutant Parameter: TSS** benchmark was exceeded during the following sampling period (check all that apply):

1<sup>st</sup> Sampling period (January-June)

2<sup>nd</sup> Sampling Period (July-December)

**Pollutant Parameter: COD** benchmark was exceeded during the following sampling period (check all that apply):

1<sup>st</sup> Sampling period (January-June)

2<sup>nd</sup> Sampling Period (July-December)

For the each pollutant parameter exceeding the benchmark summarize below any corrective actions plan **completed** during the previous calendar year and include the dates you completed the corrective actions.

A Corrective Action Plan (CAP) was initiated upon receiving the analytical results from the second monitoring period (July-December) taken on 11/11/2012. The results showed TSS and COD levels at Storm Water Outfalls 002, 003, and 004 above the benchmark value. The CAP included a review of the SWPPP maps, a field investigation to identify potential sources, and a review of additional BMP's that Fordyce OSB could utilize at these Outfalls.

Log storage, woody debris, and gravel road surfaces are located in the Outfall 002, 003, and 004 watersheds. These sources were again identified as the potential causes to the TSS and/or COD exceedances. Corrective actions from the 2<sup>nd</sup> sampling period have been established but have not been completed.

For the each pollutant parameter exceeding the benchmark summarize any corrective actions plan **initiated** during the previous calendar year, but have **not yet been completed**. Identify the date you expect to complete corrective actions.

For the Outfalls 002, 003, and 004 watersheds, housekeeping procedures are being evaluated (initiated December 2012) and plan to be completed in early 2013. The other corrective action currently being addressed includes the evaluation of the sampling locations for Outfalls 002, 003, and 004. The sampling locations will be evaluated throughout 2013 to determine if the use of existing vegetation and channel morphology can reduce the TSS and COD concentrations discharging from each of the representative watersheds. Expected completion of this evaluation is the fourth quarter of 2013.

5. Are the DMRs included with this report? Yes  No

6. Certification by Permittee

*"I 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 fine and imprisonment for knowing violations."*

Chris Morton

Plant Manager

28 JAN 2013

Printed Name

Title

Date

Signature\* Chris Morton

\* Federal regulations require this report to be signed by the following person, or a duly authorized representative:

- A. In the case of corporations, by a principal executive officer of at least the level of vice president.
- B. In the case of a partnership, by a general partner of a partnership.
- C. In the case of sole proprietorship, by the proprietor.
- D. In the case of a municipality, state, federal, or other public facility: by either a principal executive officer or ranking elected official.

**A person is a duly authorized representative only if:**

- 1. The authorization is made in writing by a person described above and submitted to ADEQ.
- 2. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility, such as the position of plant manager, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters.

**Please return the signed document to the address below. Make sure you retain a copy for your records.**

Arkansas Department of Environmental Quality  
Water Division, General Permits Section  
5301 Northshore Dr.  
North Little Rock, AR 72118  
[Water.Permit.Application@adeq.state.ar.us](mailto:Water.Permit.Application@adeq.state.ar.us)





**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY  
STORMWATER DISCHARGE MONITORING REPORT  
(DMR)**

PERMIT NUMBER: ARR00c197 PERMITTEE NAME: Georgia-Pacific Wood Products, LLC  
 FACILITY NAME: Fordyce OSB Facility FACILITY PHYSICAL ADDRESS: 1 Georgia Pacific Rd Fordyce, AR 71742  
 INDUSTRIAL SECTOR: A4 OUTFALL NO: 003 REPORTING YEAR: 2012

PARAMETER	Benchmark Value	QUALITY OR CONCENTRATION		UNITS
		JANUARY-JUNE	JULY-DECEMBER	
Chemical Oxygen Demand (COD)	120	222	298	mg/L
Total Suspended Solids (TSS)	100	258	722	mg/L
Oil and Grease (O&G)	15	2.4	<1.4	mg/L
pH	6.0-9.0	7.51	7.4	S.U.

Sampling Period:	JANUARY-JUNE	JULY-DECEMBER	
Date of Storm Event Sampled:	3/8/12	11/11/12	
Duration of Event:	~10	~6	hours
Estimate of Rainfall Event:	2.21	0.73	inches
Time Since Last Measurable Event:	6	15	days
Estimate of Total Discharged Volume:	562,444	185,785	gallons

Comments: \_\_\_\_\_

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT.

Chris Morton 28 JAN 2013  
Signature & Date

Chris Morton, Plant Manager  
Printed Name & Title of Official





# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

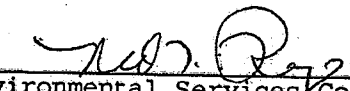
Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1211010270	Sample Date : 11/11/12	Collected By: TRAVIS GASNIER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 002	Sample Time : 1627	Delivery By : NICKI JENSEN
Customer/Permit No. : 2889 / AR00C197 002	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 11/14/12	Sample From : OUTFALL 002	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>				
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recover</u>
	11/13	0743	NTR	Chemical Oxygen Demand	272.0 mg/L			EPA 410.4	1.09	100.3
	11/13	1830	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	2.38	102.4
	11/11	1627	TG	pH	7.5 S.U.			SM 18 4500 H+B		
	11/13	1900	NTR	Solids, Total Suspended	178.00 mg/L			SM 18th 2540 D	0.00	N/A

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.

Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 --website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

# CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information						Requested Parameters									
Company Name:		Georgia Pacific OSB Fac.		Permit/Project #:		AR049204													
Address:		P.O. Box 1095		Purchase Order #:															
		Fordyce, AR 71742		Work Order #:															
Telephone:		870-352-7252		Sampler Name(s):		Travis Gasnier													
FAX:		870-352-6613		and Signature(s):		[Signature]													
Contact:		Mr. Dwayne Henry		ESC Client Number:		2143 2889													
Sample Identification		Sample Collection				Sample Containers				TSS(28)	COD(6)	Oil & Grease(21)							
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#										
Outfall 002	1211010270	11/14/12	1627	Grab	Wwater	Plastic	1 Liter	≤ 6 Deg C	1	X									
Outfall 002		11/14/12	1627	Grab	Wwater	Plastic	1 Liter	H2SO4	1		X								
Outfall 002		11/14/12	1627	Grab	Wwater	Glass	1 Liter	H2SO4	1			X							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:											
[Signature]		11/12/12	1032	[Signature]		11/12/12	1035	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:											
[Signature]		11/12/12	1130	Cindy Strauss		11-12-12	1130	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>											
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:											
Cindy Strauss		11-12-12	1155	Richard Hall		11-12-12	1155	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
Cool all samples to ≤ 6 degrees C with ice.																			
Comments: PH 7.58 su				Flow Data		Field Test		Time		Analyst		Result		Result		Units			
Email results to jfluger@gbm.assoc.com				Analyst:		Time:		Reading:		Units:		Chlorinated? Y N		Fecal Start:					
																This Document is Page ___ of ___			

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1211010271	Sample Date : 11/11/12	Collected By: TRAVIS GASNIER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 003	Sample Time : 2025	Delivery By : NICKI JENSEN
Customer/Permit No. : 2893 / ARRO0C197 003	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 11/14/12	Sample From : OUTFALL 003	Purchase Order :

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recover
11/13	0743	NTR	Chemical Oxygen Demand	298.0 mg/L	(b)		EPA 410.4	1.09	100.3
11/13	1830	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	2.38	102.4
11/11	2025	TG	pH	7.4 S.U.			SM 18 4500 H+B		
11/13	1900	NTR	Solids, Total Suspended	722.00 mg/L	(b)		SM 18th 2540 D	0.00	N/A

\* QA data shown is from a different sample or standard on the same date.  
 (b) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.



# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172


Control Number: 1211010272	Sample Date : 11/11/12	Collected By: TRAVIS GASNIER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 004	Sample Time : 2015	Delivery By : NICKI JENSEN
Customer/Permit No. : 2891 / ARR00C197 004	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 11/14/12	Sample From : OUTFALL 004	Purchase Order :

### Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
11/13	0743	NTR	Chemical Oxygen Demand	231.0 mg/L	(b)		EPA 410.4	1.09	100.3 *
11/13	1830	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	2.38	102.4 *
11/11	2015	TG	pH	7.1 S.U.			SM 18 4500 H+B		
11/13	1900	NTR	Solids, Total Suspended	552.00 mg/L	(b)		SM 18th 2540 D	0.00	N/A *

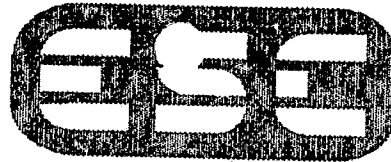
\* QA data shown is from a different sample or standard on the same date.  
 (b) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.



Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Phone 479-750-1170 Fax 479-750-1172

Client Information				Project Information						Requested Parameters																																																					
Company Name:		Georgia Pacific OSB Fac.		Permit/Project #:		AR049204				<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																					
Address:		P.O. Box 1095		Purchase Order #:																																																											
		Fordyce, AR 71742		Work Order #:																																																											
Telephone:		870-352-7252		Sampler Name(s):		Trents Gustafson																																																									
FAX:		870-352-6613		and Signature(s):		<i>Yanni Gami</i>																																																									
Contact:		Mr. Dwayne Henry		ESC Client Number:		2443 2891																																																									
Sample Identification		Sample Collection				Sample Containers				TSS(28)	COD(6)	Oil & Grease(21)																																																			
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#																																																						
Outfall 004	1211010272	11/11/12	1015	Grab	Wwater	Plastic	1 Liter	≤ 6 Deg C	1	X																																																					
Outfall 004		11/11/12	1015	Grab	Wwater	Plastic	1 Liter	H2SO4	1		X																																																				
Outfall 004		11/11/12	1015	Grab	Wwater	Glass	1 Liter	H2SO4	1			X																																																			
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:																																																							
<i>Yanni Gami Trents Gustafson</i>		11/12/12	1032	<i>Richard Hall</i>		11/12/12	1035	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:																																																							
<i>Richard Jewell</i>		11/12/12	1130	<i>Cindy Strauss Cindy Strauss</i>		12/12/12	1130	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>																																																							
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:																																																							
<i>Cindy Strauss Cindy Strauss</i>		11-12-12	1155	<i>Richard Hall Richard Hall</i>		11-12-12	1155	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																																																							
Cool all samples to ≤ 6 degrees C with ice.		Flow Data:		Field Test		Time	Analyst	Result	Result	Units																																																					
Comments: pH 7.15 SW		Analyst:		Time:		Reading:		Units:																																																							
E-mail results to jflyger@gbmcassoc.com		Chlorinated? Y N		Fecal Start:		This Document is Page		of																																																							

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341


Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1211010273	Sample Date : 11/11/12	Collected By: TRAVIS GASNIER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 006	Sample Time : 2037	Delivery By : NICKI JENSEN
Customer/Permit No. : 2890 / ARR00C197 006	Sample Type : GRAB WWATER	Work Order :
Report Date : 11/14/12	Sample From : OUTFALL 006	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recovery</u>
	11/13	0743	NTR	Chemical Oxygen Demand	60.8 mg/L			EPA 410.4	1.09	100.3 *
	11/13	1830	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	2.38	102.4 *
	11/11	2037	TG	pH	7.3 S.U.			SM 18 4500 H+B		
	11/13	1900	NTR	Solids, Total Suspended	33.00 mg/L			SM 18th 2540 D	0.00	N/A *

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.



# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1203010475  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 002  
 Customer/Permit No. : 2889 / ARR00C197 002  
 Report Date : 03/27/12

Sample Date : 03/08/12  
 Sample Time : 1600  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 002

Collected By: RHW  
 Delivery By : RHW  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
03/11	1900	NTR	Chemical Oxygen Demand	153.0 mg/L			EPA 410.4	0.33	97.1 *
03/17	1000	NTR	Oil & Grease, Total	2.100 mg/L			EPA 1664 A	0.77	98.0 *
03/09	1003	NTR	pH, Lab	6.62 S.U.			EPA 150.1	0.60	N/A
03/10	1100	NTR	Solids, Total Suspended	259.00 mg/L			SM 18th 2540 D	4.08	N/A *

\* QA data shown is from a different sample or standard on the same date.

NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

*[Handwritten Signature]*  
 Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1203010476  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 003  
 Customer/Permit No. : 2893 / ARRO0C197 003  
 Report Date : 03/27/12

Sample Date : 03/08/12  
 Sample Time : 1630  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 003

Collected By: RHW  
 Delivery By : RHW  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
03/11	1900	NTR	Chemical Oxygen Demand	222.0 mg/L	(c)		EPA 410.4	0.33	97.1 *
03/17	1000	NTR	Oil & Grease, Total	2.400 mg/L			EPA 1664 A	0.77	98.0 *
03/09	1003	NTR	pH, Lab	6.87 S.U.			EPA 150.1	0.60	N/A *
03/10	1100	NTR	Solids, Total Suspended	258.00 mg/L	(c)		SM 18th 2540 D	4.08	N/A *

\* QA data shown is from a different sample or standard on the same date.

NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.

(c) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

  
 Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1203010477	Sample Date : 03/08/12	Collected By: RHW
Customer Name : GEORGIA PACIFIC-FORDYCE STW 004	Sample Time : 1700	Delivery By : RHW
Customer/Permit No. : 2891 / ARR00C197 004	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 03/27/12	Sample From : OUTFALL 004	Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>			
<u>Analysis</u>						<u>Precision</u>	<u>Accuracy</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>		
							<u>% RPD</u>	<u>% Recovery</u>	
03/11	1900	NTR	Chemical Oxygen Demand	139.0 mg/L	(c)		EPA 410.4	0.33	97.1 *
03/17	1000	NTR	Oil & Grease, Total	3.600 mg/L			EPA 1664 A	0.77	98.0 *
03/09	1003	NTR	pH, Lab	6.64 S.U.			EPA 150.1	0.60	N/A *
03/10	1100	NTR	Solids, Total Suspended	112.00 mg/L	(c)		SM 18th 2540 D	4.08	N/A *

\* QA data shown is from a different sample or standard on the same date.  
 NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.  
 (c) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature Neil J. Rege  
 Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1203010478  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 006  
 Customer/Permit No. : 2890 / ARR00C197 006  
 Report Date : 03/27/12

Sample Date : 03/08/12  
 Sample Time : 1645  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 006

Collected By: RHW  
 Delivery By : RHW  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis							Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision % RPD	Accuracy % Recovery
03/11	1900	NTR	Chemical Oxygen Demand	104.0 mg/L			EPA 410.4	0.33	97.1 *
03/17	1000	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	0.52	95.2 *
03/09	1003	NTR	pH, Lab	6.71 S.U.			EPA 150.1	0.60	N/A *
03/10	1100	NTR	Solids, Total Suspended	54.00 mg/L			SM 18th 2540 D	4.08	N/A *

\* QA data shown is from a different sample or standard on the same date.

NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

*Ned J. Rye*  
 Environmental Services Co., Inc.

# GBM<sup>c</sup> & Associates

219 Brown Ln.  
Bryant, AR 72022

(501) 847-7077 Fax (501) 847-7943

GP Fordyce CSB ~~1992~~ Stormwater  
Duayne Henry

## Chain of Custody

Client/BILLING Information							SPECIAL INSTRUCTIONS/PRECAUTIONS															
Client:							Email results to Russell McLaren @															
Company:		GBM <sup>c</sup> & Associates					rmclaren@gbmcassoc.com															
Address:		219 Brown Lane					Project Name / Number:					Parameters for Analysis/Methods										
Bryant, AR 72022																						
Phone No.:		501-847-7077																				
Fax No.:		501-847-7943																				
Sample ID	Sample Description	Date	Time	Matrix S=Sed/Soil W=Water	Number of Containers	Composite or Grab																
							COD	TSS	Oil	Gravel												
2889	002	3/8/12	1600	W	3	S	X	X	X													475
2893	003		1630	W	3	S	X	X	X													476
2891	004		1700	W	3	S	X	X	X													477
2890	006		1645	W	3	S	X	X	X													478
Preservative (Sulfuric acid =S, Nitric acid =N, NaOH =B, Ice =I)							S S S S															
Sampler(s): RHW		Shipment Method: GBM <sup>c</sup> Delivery			Turnaround Time Required: Normal																	
COC Completed by: Rich Zell		Date: 3/9/12		Time: 0835		COC Checked by: JF Daulton		Date: 3/9/12		Time: 0837												
Relinquished by: Duayne Henry		Date: 3/9/12		Time: 0935		Received by: Duayne Henry		Date: 3-9-12		Time: 0935												
Relinquished by: Duayne Henry		Date: 3-9-12		Time: 1000		Received in lab by: Ned Ryan		Date: 3-9-12		Time: 1000												
LABORATORY USE ONLY							Samples Received On Ice? YES or NO			Sample Temperature:												

Customer number  
2889  
2893  
2891  
2890

No Field pH data provided

Mail Report to Georgia Pacific Fordyce  
e-mail copy to Russell McLaren



# Environmental Services Company, Inc.

*Rec 12-9-11*

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1111010489	Sample Date : 11/21/11	Collected By: RICHARD WALKER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 002	Sample Time : 1330	Delivery By : JOSH FLUGER
Customer/Permit No. : 2889 / ARR00C197 002	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 12/02/11	Sample From : OUTFALL 002	Purchase Order :

### Laboratory Analysis

<u>Analysis</u>							<u>Quality Assurance</u>		
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								<u>% RPD</u>	<u>% Recovery</u>
11/29	0800	NTR	Chemical Oxygen Demand	95.0 mg/L			EPA 410.4	4.04	98.5 *
11/30	1700	AJR	Oil & Grease, Total	10.300 mg/L			EPA 1664 A	1.79	109.0
11/22	1056	NTR	pH, Lab	6.59 S.U.			EPA 150.1	0.15	N/A
11/22	1800	NTR	Solids, Total Suspended	129.0 mg/L			SM 18th 2540 D	0.00	N/A *

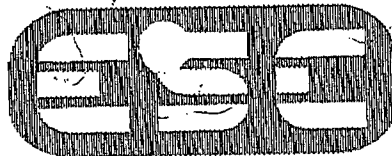
\* QA data shown is from a different sample or standard on the same date.  
 NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

*Josh Fluger*  
 Environmental Services Co., Inc.

Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters																											
Company Name: Georgia Pacific - Fordyce 002				Permit/Project #: 2068-10-051							<table border="1"> <tr><td>Oil &amp; grease (21.)</td><td></td><td></td><td></td></tr> <tr><td>TSS(28.)</td><td></td><td></td><td></td></tr> <tr><td>COD(6.)</td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </table>				Oil & grease (21.)				TSS(28.)				COD(6.)															
Oil & grease (21.)																																						
TSS(28.)																																						
COD(6.)																																						
Address: P.O. Box 1095				Purchase Order #:																																		
Fordyce, AR 71742				Work Order #:																																		
Telephone: 870-352-7252				Sampler Name(s): Richard Walker																																		
FAX: 870-352-6613				and Signature(s): <i>Richard Walker</i>																																		
Contact: Dwayne Henry																																						
ESC Client Number: <del>2890</del> 2889																																						
Sample Identification		Sample Collection				Sample Containers																																
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#	Oil & grease (21.)	TSS(28.)	COD(6.)																										
outfall 002	1111010489	11/21/11	1330	Grab	Stormwater	Glass	1 Liter	H2SO4	1	X																												
"		"	"	Grab	Stormwater	Plastic	1 Liter	≤ 6 Deg C	1		X																											
"		"	"	Grab	Stormwater	Plastic	1 Liter	H2SO4	1			X																										
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:																														
<i>Richard Walker</i> Richard Walker		11/21/11	1600	<i>Josh Fluger</i> Josh Fluger		11/21/11	1605	Used? <input type="checkbox"/> Intact? <input type="checkbox"/>																														
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Tumaround:																														
<i>Richard Walker</i> Richard Walker		11/22/11	0920	<i>Cindy Strauss</i> Cindy Strauss		11/22/11	0920	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>																														
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:																														
<i>Cindy Strauss</i> Cindy Strauss		11-22-11	1050	<i>Neil Perry</i> Neil Perry		11-22-11	1050	Yes <input type="checkbox"/> No <input type="checkbox"/>																														
Cool all samples to ≤ 6 degrees C with ice.		Flow Data		Field Test		Time	Analyst	Result		Result		Units																										
Comments: no field pH data provided																																						
Analyst:		pH:																																				
Time:																																						
Reading:																																						
Units:																																						
Chlorinated? Y N		Fecal Start:																																				
Email results to Dwayne Henry @ GP																																						
and Josh Fluger @ jfluger@ghmresources.com																																						
No field pH data provided																																						

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1111010490  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 003  
 Customer/Permit No. : 2893 / ARR00C197 003  
 Report Date : 12/02/11

Sample Date : 11/21/11  
 Sample Time : 1340  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 003


Collected By: RICHARD WALKER  
 Delivery By : JOSH FLUGER  
 Work Order :  
 Purchase Order :

### Laboratory Analysis

Analysis						Quality Assurance			
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
11/29	0800	NTR	Chemical Oxygen Demand	132.0 mg/L	(c)		EPA 410.4	4.04	98.5 *
11/30	1700	AJR	Oil & Grease, Total	19.500 mg/L	(c)		EPA 1664 A	1.79	109.0 *
11/22	1056	NTR	pH, Lab	6.79 S.U.			EPA 150.1	0.15	N/A *
11/22	1800	NTR	Solids, Total Suspended	89.0 mg/L			SM 18th 2540 D	0.00	N/A *

\* QA data shown is from a different sample or standard on the same date.  
 NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.  
 (c) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.

Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters										
Company Name:		Georgia Pacific - Fordyce 003		Permit/Project #:		2068-10-051					Oil & grease (21.)	TSS(28.)	COD(6.)								
Address:		P.O. Box 1095		Purchase Order #:																	
		Fordyce, AR 71742		Work Order #:																	
Telephone:		870-352-7252		Sampler Name(s):		Richard Walker															
FAX:		870-352-6613		and Signature(s):		<i>Richard Walker</i>															
Contact:		Dwayne Henry		ESC Client Number:		2894 2893															
Sample Identification			Sample Collection				Sample Containers														
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#												
outfall 003	1111010490	11/21/11	1340	Grab	Stormwater	Glass	1 Liter	H2SO4	1	X											
"		"	"	Grab	Stormwater	Plastic	1 Liter	≤ 6 Deg C	1		X										
"		"	"	Grab	Stormwater	Plastic	1 Liter	H2SO4	1			X									
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:													
<i>Richard Walker</i> Richard Walker		11/21/11	1600	<i>Josh Fugger</i> JOSH FUGGER		11/21/11	1605	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>													
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:													
<i>Richard Walker</i>		11/22/11	0920	<i>Cindy Strauss</i> Cindy Strauss		11-22-11	0920	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>													
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:													
<i>Cindy Strauss</i> Cindy Strauss		11-22-11	1050	<i>Neil Dyer</i> Neil Dyer		11-22-11	1050	Yes <input type="checkbox"/> No <input type="checkbox"/>													
Cool all samples to ≤ 5 degrees C with ice.				Flow Data		Field Test		Time		Analyst		Result		Result		Units					
Comments: No field pH data provided				Analyst:		pH:															
Email results to Dwayne Henry @ GP and jfugger@gbacassie.com				Time:		Reading:															
No field pH data provided				Units:		Chlorinated? Y N		Fecal Start:													

C/S

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1111010491  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 004  
 Customer/Permit No. : 2891 / ARR00C197 004  
 Report Date : 12/02/11

Sample Date : 11/21/11  
 Sample Time : 1350  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 004

Collected By: RICHARD WALKER  
 Delivery By : JOSH FLUGER  
 Work Order :  
 Purchase Order :

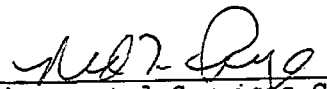
### Laboratory Analysis

Analysis			Result	Notes	Quantity	Method
Date	Time	By	Parameter			
11/29	0800	NTR	Chemical Oxygen Demand	254.0 mg/L	(c)	EPA 410.4
11/30	1700	AJR	Oil & Grease, Total	7.200 mg/L		EPA 1664 A
11/22	1056	NTR	pH, Lab	6.87 S.U.		EPA 150.1
11/22	1800	NTR	Solids, Total Suspended	79.0 mg/L		SM 18th 2540 D

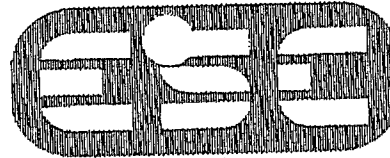
Quality Assurance	
Precision	Accuracy
% RPD	% Recovery
4.04	98.5 *
1.79	109.0 *
0.15	N/A *
0.00	N/A *

\* QA data shown is from a different sample or standard on the same date.  
 NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.  
 (c) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.

Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters			
Company Name: Georgia Pacific - Fordyce 004				Permit/Project #: 2008-10-051							Oil & grease (21) TSS(28) COD(6)			
Address: P.O. Box 1095				Purchase Order #:										
Fordyce, AR 71742				Work Order #:										
Telephone: 870-352-7252				Sampler Name(s): Richard Walker										
FAX: 870-352-6613				and Signature(s): <i>Richard Walker</i>										
Contact: Dwayne Henry				ESC Client Number: 2892 2891										
Sample Identification			Sample Collection			Sample Containers								
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#					
outfall 004	111010491	11/21/11	1350	Grab	Stormwater	Glass	1 Liter	H2SO4	1	X				
q		"	"	Grab	Stormwater	Plastic	1 Liter	≤ 6 Deg C	1		X			
q		"	"	Grab	Stormwater	Plastic	1 Liter	H2SO4	1			X		
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:						
<i>Richard Walker</i> Richard Walker		11/21/11	1800	<i>Josh Fluger</i> Josh Fluger		11/21/11	1605	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>						
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:						
<i>Richard Walker</i> Richard Walker		11/22/11	0920	<i>Cindy Strauss</i> Cindy Strauss		11-22-11	0920	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>						
Relinquished By: (Signature and Printed Name)		Date	Time	Received for Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:						
<i>Cindy Strauss</i> Cindy Strauss		11-22-11	1050	<i>Neil Perry</i> Neil Perry		11-22-11	1050	. Yes <input type="checkbox"/> No <input type="checkbox"/>						
Cool all samples to ≤ 6 degrees C with ice.						Flow Data	Field Test	Time	Analyst	Result	Result	Units		
Comments: NO field pH data provided						Analyst:	pH:							
Email results to Dwayne Henry @ GP						Time:								
and Josh Fluger @ jfluger@gbmcassoc.com						Reading:								
No field pH data provided						Units:								
gbmcassoc.com						Chlorinated? Y N	Fecal Start:							

CPD

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1111010492	Sample Date : 11/21/11	Collected By: RICHARD WALKER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 006	Sample Time : 1400	Delivery By : JOSH FLUGER
Customer/Permit No. : 2890 / ARR00C197 006	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 12/02/11	Sample From : OUTFALL 006	Purchase Order :

### Laboratory Analysis

Analysis			Laboratory Analysis				Quality Assurance		
Date	Time	By	Parameter	Result	Notes	Quantity	Method	Precision	Accuracy
								% RPD	% Recovery
11/29	0800	NTR	Chemical Oxygen Demand	124.0 mg/L	(c)		EPA 410.4	4.04	98.5 *
11/30	1700	AJR	Oil & Grease, Total	7.200 mg/L			EPA 1664 A	1.79	109.0 *
11/22	1056	NTR	pH, Lab	6.60	S.U.		EPA 150.1	0.15	N/A *
11/22	1800	NTR	Solids, Total Suspended	38.0 mg/L			SM 18th 2540 D	0.00	N/A *

\* QA data shown is from a different sample or standard on the same date.

NOTE: IMPROPER SAMPLING/HOLDING TECHNIQUES RENDER THIS SAMPLE UNRELIABLE FOR REGULATORY PURPOSES.

(c) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

*Richard Walker*  
 Environmental Services Co., Inc.

Environmental Services Company, Inc.  
 Corporate Office  
 13715 West Markham P.O. Box 55146  
 Little Rock, AR 72211 Little Rock, AR 72215  
 website: www.esclabs.com



Environmental Services Company, Inc.  
 Northwest Branch  
 1107 Century  
 Springdale, AR 72764

Phone: 501-221-2565 Fax: 501-221-1341

### CHAIN OF CUSTODY

Phone 479-750-1170 Fax: 479-750-1172

Client Information				Project Information							Requested Parameters												
Company Name: Georgia Pacific - Fordyce <del>004</del> Cole				Permit/Project #: 2068-10-031							Oil & grease (21.) TSS(28.) COD(6.)												
Address: P.O. Box 1095				Purchase Order #:																			
Fordyce, AR 71742				Work Order #:																			
Telephone: 870-352-7252				Sampler Name(s): Richard Walker																			
FAX: 870-352-6613				and Signature(s): <i>Richard Walker</i>																			
Contact: Dwayne Henry				ESC Client Number: 2889 2890																			
Sample Identification		Sample Collection				Sample Containers																	
Identification	ESC Control #	Date	Time	Type	Matrix	Type	Volume	Preservative	#														
outfall 006	1111010492	11/21/11	1400	Grab	Stormwater	Glass	1 Liter	H2SO4	1	X													
"		"	"	Grab	Stormwater	Plastic	1 Liter	≤ 6 Deg C	1		X												
"		"	"	Grab	Stormwater	Plastic	1 Liter	H2SO4	1			X											
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Custody Seals:															
<i>Richard Walker</i> Richard Walker		11/21/11	1400	<i>Josh Fluger</i> Josh Fluger		11/21/11	1605	Used? <input checked="" type="checkbox"/> Intact? <input type="checkbox"/>															
Relinquished By: (Signature and Printed Name)		Date	Time	Received By: (Signature and Printed Name)		Date	Time	Turnaround:															
<i>Richard Walker</i>		11/22/11	0920	<i>Cindy Strauss</i> Cindy Strauss		11-22-11	0920	Regular <input checked="" type="checkbox"/> Special <input type="checkbox"/>															
Relinquished By: (Signature and Printed Name)		Date	Time	Received at Lab By: (Signature and Printed Name)		Date	Time	Were samples properly preserved:															
<i>Cindy Strauss</i> Cindy Strauss		11-22-11	1050	<i>Neil P...</i>		11-22-11	1050	Yes <input type="checkbox"/> No <input type="checkbox"/>															
Cool all samples to ≤ 6 degrees C with ice.										Flow Data		Field Test		Time		Analyst		Result		Result		Units	
Comments: No field pH data provided										Analyst:		pH:		Time:		Reading:		Units:					
Email results to Dwayne Henry w/ GP and Josh Fluger @ jfluger@ghincassoci.com																							
No field pH data provided										Chlorinated? Y N		Fecal Start:											

CP



# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1104010550	Sample Date : 04/25/11	Collected By: RICHARD WALKER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 002	Sample Time : 2121	Delivery By : RICHARD WALKER
Customer Number : 2889	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 05/04/11	Sample From : OUTFALL 002	Purchase Order :

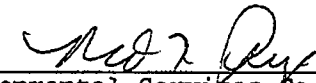
### Laboratory Analysis

<u>Analysis</u>						<u>Quality Assurance</u>			
<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
								% RPD	% Recovery
04/27	1030	NTR	Chemical Oxygen Demand	139.0 mg/L			EPA 410.4	0.59	100.5 *
05/01	1000	NTR	Oil & Grease, Total	3.000 mg/L			EPA 1664 A	4.43	94.5 *
04/26	0957	NTR	pH, Lab	6.82 S.U.			EPA 150.1	0.44	N/A
04/27	0730	NTR	Solids, Total Suspended	274.0 mg/L			SM 18th 2540 D	0.00	N/A *

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_



Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1104010551  
 Customer Name : GEORGIA PACIFIC-FORDYCE STW 003  
 Customer Number : 2893  
 Report Date : 05/04/11

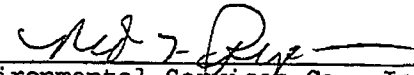
Sample Date : 04/25/11  
 Sample Time : 2128  
 Sample Type : GRAB STORMWATER  
 Sample From : OUTFALL 003

Collected By: RICHARD WALKER  
 Delivery By : RICHARD WALKER  
 Work Order :  
 Purchase Order :

<u>Laboratory Analysis</u>						<u>Quality Assurance</u>				
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recovery</u>
	04/27	1030	NTR	Chemical Oxygen Demand	115.0 mg/L			EPA 410.4	0.59	100.5 *
	05/01	1000	NTR	Oil & Grease, Total	< 1.400 mg/L			EPA 1664 A	4.43	94.5 *
	04/26	0957	NTR	pH, Lab	7.15 S.U.			EPA 150.1	0.44	N/A *
	04/27	0730	NTR	Solids, Total Suspended	79.0 mg/L			SM 18th 2540 D	1.26	N/A

\* QA data shown is from a different sample or standard on the same date.

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature   
 Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172


Control Number: 1104010552	Sample Date : 04/25/11	Collected By: RICHARD WALKER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 004	Sample Time : 2141	Delivery By : RICHARD WALKER
Customer Number : 2891	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 05/04/11	Sample From : OUTFALL 004	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>	
<u>Analysis</u>			<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
<u>Date</u>	<u>Time</u>	<u>By</u>					<u>Parameter</u>	<u>% RPD</u>
04/27	1030	NTR	Chemical Oxygen Demand	179.0 mg/L	(b)	EPA 410.4	0.59	100.5 *
05/01	1000	NTR	Oil & Grease, Total	5.200 mg/L		EPA 1664 A	4.43	94.5 *
04/26	0957	NTR	pH, Lab	6.96 S.U.		EPA 150.1	0.44	N/A *
04/27	0730	NTR	Solids, Total Suspended	90.0 mg/L		SM 18th 2540 D	1.26	N/A *

\* QA data shown is from a different sample or standard on the same date.  
 (b) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature \_\_\_\_\_

  
 Environmental Services Co., Inc.

# Environmental Services Company, Inc.

Corporate Office  
 13715 West Markham  
 Little Rock, AR 72211  
 Tel. (501)221-2565 Fax (501)221-1341

Northwest Arkansas Branch  
 1107 Century Avenue  
 Springdale, AR 72762  
 Tel. (479)750-1170 Fax (479)750-1172

Control Number: 1104010553	Sample Date : 04/25/11	Collected By: RICHARD WALKER
Customer Name : GEORGIA PACIFIC-FORDYCE STW 006	Sample Time : 2152	Delivery By : RICHARD WALKER
Customer Number : 2890	Sample Type : GRAB STORMWATER	Work Order :
Report Date : 05/04/11	Sample From : OUTFALL 006	Purchase Order :

<u>Laboratory Analysis</u>							<u>Quality Assurance</u>			
<u>Analysis</u>	<u>Date</u>	<u>Time</u>	<u>By</u>	<u>Parameter</u>	<u>Result</u>	<u>Notes</u>	<u>Quantity</u>	<u>Method</u>	<u>Precision</u>	<u>Accuracy</u>
									<u>% RPD</u>	<u>% Recovery</u>
	04/27	1030	NTR	Chemical Oxygen Demand	156.0 mg/L	(b)		EPA 410.4	0.59	100.5 *
	05/01	1000	NTR	Oil & Grease, Total	1.600 mg/L			EPA 1664 A	4.43	94.5 *
	04/26	0957	NTR	pH, Lab	6.54 S.U.			EPA 150.1	0.44	N/A *
	04/27	0730	NTR	Solids, Total Suspended	60.0 mg/L			SM 18th 2540 D	1.26	N/A *

\* QA data shown is from a different sample or standard on the same date.  
 (b) Exceeds Permit Limits for Maximum Concentration

All equipment used is checked and/or calibrated daily. All NPDES testing is conducted in accordance with 40 CFR Part 136. A minimum of 10% spiked and duplicate samples is run on each parameter where applicable for Quality Assurance purposes. Quality Assurance Plan on file with Arkansas Department of Environmental Quality. Analysis time indicates the time of the start of the analytical batch in which the specific sample was included.

Signature Richard Pye  
 Environmental Services Co., Inc.



**Georgia-Pacific**

Structural Panels  
P.O. Box 1095  
Fordyce, AR 71742

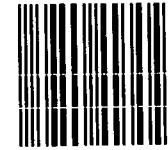
**CERTIFIED MAIL™**



7011 1150 0000 2795 6928

★ ★ ★ UNITED STATES POSTAGE  
170 0872 \$ **08.50** PB8587294  
1277 MAILED FROM FORDYCE AR 71742  
JAN 28 13

**FIRST CLASS MAIL**



1000

72118

U.S. POSTAGE  
PAID  
FORDYCE, AR  
71742  
JAN 28, 13  
AMOUNT

**\$0.00**  
00078997-02

**RETURN RECEIPT REQUESTED**

Jamal Solaimanian, P.E., Ph.D.  
General Permit Section Supervisor  
Discharge Permits Branch, Water Division  
Arkansas Department of Environmental Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317

