



## PERMIT

FOR THE CONSTRUCTION AND OPERATION OF A  
SOLID WASTE DISPOSAL FACILITY

ISSUED BY  
STATE OF ARKANSAS  
DEPARTMENT OF ENVIRONMENTAL QUALITY

PERMIT CLASS: 3N (Lime Waste Landfill)

CSN IDENTIFICATION : 41-0002

PERMIT NUMBER: 296-S3N

EFFECTIVE DATE: February 9, 2000

EXPIRATION DATE: February 9, 2010

PERMIT OWNER AND ADDRESS: Georgia-Pacific Corporation  
Ashdown Operations  
P. O. Box 496  
Ashdown, AR 71822

LOCATION: Georgia-Pacific Corporation In Part of SE 1/4, Section 8, T-13-S, R-29-W,  
Ashdown Operations Little River County, Arkansas.  
Highway 71  
Ashdown, AR 71822

DESIGN ENGINEER: Genesis Environmental Consulting, Inc., Little Rock, Arkansas.

DESCRIPTION OF THIS PERMIT ACTION: New Class 3N facility (Lime Waste Landfill)

PERMIT CONDITIONS: This permit is your authority to construct and/or operate the Solid Waste Disposal Facility set forth in your original application dated April 9, 1999 (revised June/July 1999). This permit is issued pursuant to the provisions of the Arkansas Solid Waste Management Act (Arkansas Code Annotated 8-6-201 et seq.) as amended, hereinafter called the "Act"; Regulation Number 22, Arkansas Solid Waste Management Code, as adopted by the Pollution Control and Ecology Commission, hereinafter called "Regulation 22"; and all other applicable rules and regulations of the Department of Environmental Quality, hereinafter called "Department", and the following terms and conditions:

1. The disposal facility shall be constructed, maintained, and operated in accordance with the final plans, specifications and operation narrative as approved by the Department and in compliance with applicable provisions of the Act, Regulation 22, and all other applicable rules and regulations.
2. This permit shall automatically terminate unless construction of the disposal facility has been commenced within 180 days from the original effective date of the permit and is completed with all reasonable diligence. This permit will expire upon the expiration date or when the authorized fill elevations have been attained, whichever occurs first. The Department shall be notified in writing

SEE ATTACHED PAGES FOR ADDITIONAL PERMIT CONDITIONS

when the initial construction has been completed and upon facility closure in order that it may be inspected. The permittee shall provide ten (10)-days minimum written notice to the Department prior to the anticipated start-up date for the facility. Changes to or deviations from the construction/layout of the facility, as indicated on the approved plans/specifications dated March 1999 (Revised June/July 1999) that were submitted as part of the permit application, are not authorized unless approved in writing by the Department.

3. At all times the disposal facility shall be maintained in good condition and operations shall be conducted by licensed, qualified on-site operators holding the appropriate license as required by Regulation Number 27, Certification of Sanitary Landfill Operators. Copies of the approved operating narrative, approved permit plans/specifications, operator licenses, and this disposal permit shall be maintained at the site for reference.

4. This permit may be revoked or modified whenever, in the opinion of the Department, the facilities are no longer in compliance with the Act, Regulation 22, and applicable rules and regulations. This permit shall not relieve the permittee, its agents or employees, from compliance with all provisions of the Act and Regulation 22.

5. This permit is issued in reliance upon the statements and representations made in the application, operating narrative, the plans, specifications and related documents and the Department has no responsibility for the adequacy or proper functioning of the disposal facility. Nothing herein contained shall be construed as releasing the permittee from any liability from damage to persons or property by reason of the installation, maintenance, or operation of the disposal facility.

6. This permit is for a 14.7-acre site with disposal to be on approximately 12 acres in areas as indicated on the plans. The permit will expire upon the expiration date or when the disposal areas described in the approved plans have been filled to the final grades/elevations indicated on the plans and the facility is closed out in accordance with the provisions of Regulation 22, whichever occurs first. The final grades and elevations shown on the plans shall not be exceeded in anticipation of settlement and consolidation of the waste mass. Changes to or deviations from the construction/layout of the facility, as indicated on the approved plans/specifications dated March 1999 (Revised June/July 1999) that were submitted as part of the permit application, are not authorized unless approved in writing by the Department.

7. The initial amount of financial assurance is \$213,000. This amount is subject to annual adjustment and may be increased at the discretion of the Department, based upon the estimated cost for a third party to close the largest area requiring final cover during the active life of the facility and the cost for a third party to perform post closure care. The instruments used must be in the exact form set forth in Regulation 22 and must be filed with the Department before the permit can become effective. A portion or all of the financial assurance may be held by the Department beyond the time of cessation of disposal operations at the site to ensure satisfactory closure and post closure care in accordance with Regulation 22.

8. Preparation of the site shall be supervised and reported in writing to the Department by a Registered Professional Engineer prior to the placement of wastes. See Conditions No. 15 and 16 for Construction Quality Assurance requirements applicable to initial and subsequent construction.

9. An initial permit fee has been received by the Department. Annual permit fees due thereafter shall be assessed in accordance with Regulation Number 9, Fee System for Environmental Permits. Failure to pay annual fees when due may result in revocation of this permit.

10. The permittee shall submit to the Department annual and quarterly reports required by the Securities and Exchange Commission (SEC) that provide information regarding legal proceedings in which the permittee has been involved. In addition, any change in ownership or control of the operation of this landfill may be considered a permit modification and shall be fully disclosed to the Department. For purposes of this permit, the permittee shall report to the Department any change in the debt or equity of the permittee of twenty-five percent (25%) or more.

11. This permit is for the disposal of solid waste generated by Georgia-Pacific Corporation, Ashdown Operations as indicated in the permit application. Additional waste items, not mentioned in the permit application, may be authorized by the Department for disposal at the facility on a case-by-case basis when requested by the permittee. "Hazardous waste" as defined by Regulation Number 23 is not authorized for disposal in the facility.

12. The permittee shall maintain an Operating Record at the location indicated in the permit application (or at an alternate location approved in writing by the Department) of all documentation, monitoring or test results, records, licenses, certifications, inspection reports, correspondence, etc. required by the operation narrative, plans/specifications, CQA Plan, Regulation 22, and/or permit conditions herein. The permittee shall forward a copy of information from the Operating Record when requested by the Department.

13. A survey control system shall be established and maintained at the landfill site, which as a minimum, shall comply with Sections 22.526/22.426 of Regulation 22.

14. The U. S. Army Corps of Engineers (COE) has determined that a portion of the disposal site is classified as "wetlands." Georgia-Pacific Corporation shall obtain any necessary permit required under Section 404 of the Clean Water Act (404 permit) as expeditiously as possible and institute mitigation measures in accordance with the 404 permit.

15. Proper construction of the clay liner and leachate collection/removal system shall be observed and certified in writing in a construction quality assurance (CQA) documentation report in accordance with the approved CQA Plan to the Department by a Registered Professional Engineer whenever an area or phase of the landfill is prepared for use. The report shall include CQA/QC test results as indicated in the approved CQA Plan; map(s) indicating the location, designation, and extent of area(s) actually constructed for use; and test locations. The report shall be submitted to the Department at least fourteen (14) days prior to waste placement in that area or phase. All test results, maps, certifications, acceptances, and other documentation required by the CQA Plan, operation narrative, specifications, plans and/or permit conditions herein shall be maintained in the Operating Record. Changes to or deviations from the construction/layout of the facility, as indicated on the approved plans/specifications dated March 1999 (Revised June/July 1999) that were submitted as part of the permit application, are not authorized unless approved in writing by the Department

16. The final grades and elevations shown on the plans shall not be exceeded in anticipation of settlement and consolidation of the waste mass. Timely initiation and completion of closure of filled landfill cells or units shall be made in accordance with Sections 22.1301(f) and (g) of Regulation 22. Proper construction of the final cover system shall be observed and certified in writing in a construction quality assurance (CQA) documentation report to the Department by a Registered Professional Engineer whenever an area or phase of the landfill is closed-out. The report shall include CQA/QC test results as indicated in the approved CQA Plan; map(s) indicating the location, designation, and extent of area(s) actually closed-out; and test locations. All test results, maps, certifications, acceptances, and other documentation required by the CQA Plan, operation narrative, specifications, plans and/or permit conditions herein shall be maintained in the Operating Record.

17. The facility groundwater monitoring system shall consist of five (5) monitoring points including the existing well designated as well MW-2; and four (4) additional wells (MW-3, MW-4, MW-5 and MW-6) which shall be installed at the relevant point of compliance around the landfill cells. The location of and screened interval in each of the new wells must be approved by the Department prior to installation.

Existing wells LD-2, LD-3 and LD-4, presently utilized as leak detection wells, shall remain in the groundwater monitoring system. These wells shall be sampled semiannually. All water collected from these wells shall be analyzed by a certified lab and analytical results reported to the Department. Groundwater samples shall not be filtered.

The groundwater monitoring system for the facility must meet the requirements of Chapter 12 of Regulation 22, and be certified by a qualified groundwater scientist as defined in Section 22.1202(e).

New and replacement wells shall be constructed and developed in accordance with ASTM D 5092-90 Design and Installation of Ground Water Monitoring Wells in Aquifers and screened to monitor the uppermost aquifer. Complete lithologic logs must be recorded by a qualified geologist and submitted to the Department.

Each groundwater monitoring well shall be permanently marked with the appropriate unique identification sequence number or designation corresponding to the plans. Each monitoring well shall be independently analyzed for parameters indicated hereinafter. Groundwater sampling and analysis shall comply with quality assurance guidelines of 40 CFR Part 136 - Guidelines Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act. Monitoring wells must be sampled, samples analyzed, and analytical results reported to the Department semi-annually unless more frequent monitoring is deemed necessary by the Department. Groundwater samples shall not be field filtered.

Sampling of groundwater and measurement of static water levels shall only be performed by qualified, trained personnel familiar with proper procedures and techniques. Analysis of groundwater samples shall be performed by a water testing laboratory certified by the Department. Groundwater sampling and analysis shall in all cases comply with the requirements of Subpart E of 40 CFR Part 258 as adopted in Regulation Number 22. Results are to be submitted directly to the Department from the contract laboratory and shall include the following parameters:

Turbidity	Iron	Temperature
Total Dissolved Solids (TDS)	Manganese	Specific Conductance
Total Organic Carbon	Depth to Groundwater (feet)	Sulfide
pH	Sulfate	COD
Chloride	Potentiometric Surface Elevation (MSL)	

In addition to the parameters listed above, the following parameters selected from Appendix 3 of Regulation 22, are to be analyzed semi-annually for the first year after the groundwater monitoring system has been certified by a Qualified Ground Water Scientist as described in Regulation 22.1201(f) and the system has been approved by the Department ( The Department is not requiring the full list). Those Appendix 3 parameters not detected during the first two semi-annual sampling events need not be tested again. Those Appendix 3 parameters detected during the first two semi-annual sampling events shall be added to the previous list, thus completing the list of detection monitoring parameters. Also, once every five years the parameters from both lists (above and below) will be analyzed and those parameters detected from the list below shall be added to the detection monitoring list of parameters.

Arsenic	1, 2-Dichloroethane	Selenium
Barium	1, 1-Dichloroethylene	Silver
Benzene	Fluoride	1,1, 1-Trichloroethane
Cadmium	Lindane	Total Dixon Equivalence
Carbon Tetrachloride	Lead	Trichloroethylene
Chromium (total)	Mercury	Vinyl Chloride
1, 4-Dichlorobenzene	Nitrate	

The permittee must develop a comprehensive written plan for sampling and analysis of groundwater that ensures accurate groundwater monitoring results. The plan must be submitted to the Department. The plan must include procedures and techniques for:

- Sample Collection
- Sample Preservation and Shipment
- Analytical Procedures
- Chain of Custody
- Quality Assurance and Quality Control

A statistical method to be used for evaluating monitoring results for each groundwater constituent must be selected by the permittee and approved by the Department. The permittee must determine whether there is a statistically significant increase (or decrease in the case of pH) for each groundwater monitoring constituent in accordance with the approved statistical method. If a statistically significant increase over background has been detected for one or more parameters, the permittee must notify the Department within 14 days. The Department may modify the analytical parameters, sampling frequency and sampling points at any time.

In accordance with Section 22.1204 of Regulation 22, if a statistically significant increase over background has been detected for one or more of the detection monitoring constituents, the permittee must:

-Within 14 days of this finding, place a notice in the Operating Record indicating which constituents have shown statistically significant changes from the background levels, and notify the Department.

-Establish an assessment monitoring program meeting the requirements of Section 22.1205 of Regulation 22 within 90 days except as provided for Section 22.1204(c)(3) of Regulation 22.

If after 90 days, a successful demonstration provided for in Section 22.1204(c)(3) of Regulation 22 is not made, the permittee must sample and analyze for Appendix II Constituents in accordance with Section 22.1205 of Regulation 22.

If one or more of the Appendix II constituents has been detected at a statistically significant level exceeding the groundwater protection standards defined under Section 22.1205(h) or (i) of Regulation 22, the permittee must initiate an assessment of corrective measures in accordance with Section 22.1206 of Regulation 22. Based upon the results of this assessment, the permittee must proceed with selection of a remedy in accordance with Section 22.1207 of Regulation 22 and then proceed with implementation of a corrective action program in accordance with Section 22.1208 of Regulation 22.

18. Measures to control and prevent stormwater run-on from running through or into the active disposal area shall be constructed and maintained and no waste shall be deposited in standing water. Portable stormwater pump(s) may be necessary to provide adequate stormwater control.

19. Vegetation shall be accomplished as soon as practicable after final elevations are attained and the area is closed-out. Following establishment of cover vegetation, the vegetation shall be properly mowed as needed during the growing season to control undesirable annual weed and woody vegetation growth and to facilitate proper inspection of the cover.

Borrow site(s) shall be reclaimed through final grading to promote proper drainage and seeding with suitable perennial grasses to control erosion, or other means acceptable to the Department.

20. Any statements in the operational narrative, specifications, and/or engineering plans that conflict with Regulation 22, permit conditions herein, or other applicable laws and regulations shall not be considered authorized by the Department.

21. The Department, its employees, agents, or any authorized person shall have the right to enter the property at any time for any reason as set out in Regulation 22 for the purposes of, including but not limited to, taking samples, inspection, and other enforcement or engineering action, without interference or delay from the permittee.

22. The Department's decision to issue this permit is final for purposes of appeal as of the date indicated in the Certificate of Service below.

APPROVED BY: Department of Environmental Quality  
8017 I-30, Post Office Box 8913  
Little Rock, Arkansas 72219-8913

  
\_\_\_\_\_  
for the Director

2-7-00

\_\_\_\_\_  
Date

CERTIFICATE OF SERVICE

I, Christina Heider, hereby certify that a copy of this permit has been mailed by first-class mail to Roger H. Brear, Vice President - Ashdown Operations; Georgia-Pacific Corporation; P. O. Box 496; Ashdown, AR 71822, on or before this 9<sup>th</sup> day of February, 2000.

# ADEQ

ARKANSAS  
Department of Environmental Quality

November 25, 2009

Domtar A.W. LLC  
Attn: Mr. Warren Allen  
395 de Maisonneuve West  
Montreal, Quebec, Canada H3 A IL6

**RE: Name Change of Permits from Domtar A.W. Corp to Domtar A.W. LLC  
Domtar Class 3N Landfill  
Permit Numbers: 0211-S3N-R2, 0244-S3N-R1, and 0296-S3N; AFIN: 41-00002  
Document Identifier Number: 56049, 56050, 56051  
Cross Reference Identifier Number: 55368, 55369, and 55370**

Dear Mr. Allen:

The Arkansas Department of Environmental Quality-Solid Waste Management Division (ADEQ-SWMD) staff has reviewed your request for name change of Solid Waste Permits (Permit Numbers: 0211-S3N-R2, 0244-S3N-R1, and 0296-S3N) from Domtar A.W. Corp to Domtar A.W. LLC. SWMD has determined that the request for name change meets the APC&EC Regulation 8 and Regulation 22 requirements.

Based on the submittals received requesting this change, the Arkansas Department of Environmental Quality hereby approves the name change for Permit Numbers: 0211-S3N-R2, 0244-S3N-R1, and 0296-S3N to the Domtar A.W. LLC. Please attach the corresponding permit addendum to each of the above referenced permits for future reference.

Please call me at (501) 682-0601 should you have any questions regarding the above information.

Sincerely,



Bryan Leamons  
Engineer Supervisor, SWMD

Enclosures

cc: Karen Bassett, Chief Deputy Director, ADEQ  
Susan Speake, Programs Branch Manager, SWMD  
Mona Partman, Technical Branch, SWMD  
Sheldon Hadley, District Field Inspector SWMD  
Brandon Ayers, P.E., Sr. Environmental Engineer, Domtar A.W. LLC  
Kenneth Bown, P.E., Terracon Environmental Consulting, Inc





# Addendum to Permit



ISSUED BY

STATE OF ARKANSAS

DEPARTMENT OF ENVIRONMENTAL QUALITY  
SOLID WASTE MANAGEMENT DIVISION

<b>Landfill Name:</b> Domtar Class 3N Lime Waste Landfill		<b>AFIN:</b>	41-00002
		<b>Permit No:</b>	0296-S3N
<b>Date</b>	<b>Addendum to Permit</b>		
November 25, 2009	<u>Name Change:</u> The facility name has changed from Domtar A.W. Corp to Domtar A.W. LLC.		
Document # 556051			

### CERTIFICATE OF SERVICE

I, Nona Pastma, hereby certify that a copy of this permit Addendum has been mailed by first-class mail to Mr. Warren Allen, 395 de Maisonneuve West, Montreal, Quebec, Canada H3 A 1L6 on or before this

24th day of November, 2009.



# ADEQ

ARKANSAS  
Department of Environmental Quality

February 2, 2010

Brandon Ayers  
Domtar A. W. LLC.  
285 Hwy 71 South  
Ashdown, AR 71822-0496

**RE: Domtar Class 3N Landfill Administrative Change to Permit**  
**Permit Number: 0296-S3N; AFIN: 41-00002**  
**Document Identifier Number: 56716; Cross Reference Identifier Number: 56084**

Dear Mr. Ayers:

The Arkansas Department of Environmental Quality-Solid Waste Management Division (ADEQ-SWMD) has received your request to extend the duration of the above referenced permit for the Domtar Class 3N Landfill. Under current regulations the landfill permit allows active fill operations, closure and post-closure phases of the landfill. Active fill operations are permitted as long as the waste remains within the permitted boundaries and does not exceed the permitted capacity, fill volume or elevations.

The ADEQ-SWMD hereby provides this administratively modified permit with expiration date removed. Attached is the new permit cover page for the Domtar Class 3N Landfill. Please replace the existing cover page of your permit with the new cover page.

If you have any questions regarding this correspondence, please contact Masoud Arjmandi at (501) 683-3395.

Sincerely,



Karen Bassett,  
Acting Chief, SWMD

cc: Sheldon Hadley, District Field Inspector, SWMD



PERMIT  
FOR THE CONSTRUCTION AND OPERATION OF A  
CLASS 4 SOLID WASTE DISPOSAL FACILITY

ISSUED BY

STATE OF ARKANSAS

DEPARTMENT OF ENVIRONMENTAL QUALITY  
SOLID WASTE MANAGEMENT DIVISION



**PERMIT CLASS:** Class 3N (Lime Waste Landfill)

**CSN IDENTIFICATION:** 41-00002

**PERMIT NUMBER:** 0296-S3N

**EFFECTIVE DATE:** June 9, 1998

**REISSUED COVER PAGE:** February 1, 2010 [Extension of Permit]

**PERMIT OWNER AND ADDRESS:**

Domtar A. W. LLC  
395 de Maisonneuve West  
Montreal, Quebec, Canada H3 A 1L6

**FACILITY ADDRESS:**

Domtar Class 3N Landfill  
285 Highway 71 South  
Ashdown, AR 71822

**LOCATION:** In Part of SE ¼, Section 8, T-13-S, R-29-W, Little River County, Arkansas

**DESIGN ENGINEER:** Terracon Consultants, Inc.

**DESCRIPTION OF THIS PERMIT ACTION:** Extension of Permit (Permit Expiration Date is Removed)

**PERMIT CONDITIONS:** This permit is issued pursuant to the provisions of the Arkansas Solid Waste Management Act (Arkansas Code Annotated 8-6-201 et seq.) as amended, hereinafter called the "Act"; Regulation Number 22, Arkansas Solid Waste Management, as adopted by the Pollution Control and Ecology Commission, hereinafter call "Regulation 22"; and all other applicable rules and regulations of the Department of Pollution Control and Ecology, hereinafter called "Department", and the following terms and conditions:

1. The disposal facility shall be constructed, maintained, and operated in accordance with the final plans, specifications and operation narrative as approved by the Department and in compliance with applicable provisions of the Act, Regulation 22, and all other applicable rules and regulations.
2. This permit shall automatically terminate unless construction of the disposal facility has been commenced within 180 days from the original effective date of the permit and is completed with all reasonable diligence. This permit allows active fill operations, closure and post-closure phases of the landfill. Active fill operations are permitted as long as the waste remains within the permitted boundaries and does not exceed the permitted capacity, fill volume or elevations. The Department shall be notified in writing

**SEE ATTACHED PAGES FOR ADDITIONAL PERMIT CONDITIONS**

CERTIFICATE OF SERVICE

I, Nona Pastma, hereby certify that a copy of this permit has been mailed by first-class mail to Mr. Brandon Ayers, Domtar A. W. Corp., 285 Hwy 71 South, Ashdown, AR 71822-0496 on or before this 2<sup>nd</sup> day of Feb, 2010.