



Facility Permit No: 44-01
Permit to Construct / Operate
Champion-International Industrial Landfill No. 5
January 26, 2010
Doc ID: 9351
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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

INDUSTRIAL SOLID WASTE LANDFILL FACILITY
Permit No. 44-01

International Paper Company
is hereby issued a

PERMIT TO OPERATE
LANDFILL NO. 5, AREA B, POST-CLOSURE USES
PERMIT TO CONSTRUCT
LANDFILL NO. 5, AREA C, LIVESTOCK MARKET & EVENTS CENTER

Located on Beaverdam Road (SR 1613) adjacent to I-40 in Canton, Haywood County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The legal description of the site is identified on the deeds recorded for this property listed in Attachment No. 1 of this permit.

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

ATTACHMENT 1

PART I: PERMITTING HISTORY

1. On July 5, 1979 the original Landfill Permit was issued to Champion International Corporation.
2. In 2000 Champion International Corporation was acquired in total by International Paper Company.
3. On October 25, 1999 a Letter of Closure with Post-closure Conditions was issued.
4. On January 26, 2010 a modification was made to the Permit for construction of a Livestock Market and Events Center and approval of the Sports Complex and Hay Cutting as post-closure uses.

Permit Type	Date Issued	DOC ID
Original Permit	July 5, 1979	
Closure Letter	October 25, 1999	8376
Permit Modification	January 26, 2010	9351

PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

Industrial Solid Waste Landfill Unit

NO.	APPROVED DOCUMENT NAME	DOC ID
1.	Letter w/ Post Closure Conditions: <i>Closure of the Champion International Industrial Waste Landfill</i> . Prepared by: James Coffey. Prepared for: Division of Waste Management. October 25, 1999.	8376
2.	<i>Request for Permit Modification</i> . Prepared by: Altamont Environmental, Inc. Prepared for: International Paper Company. October 28, 2009.	8852
3.	<i>Landfill Gas Monitoring Plan</i> . Prepared by: Altamont Environmental, Inc. Prepared for: International Paper Company. December 10, 2009.	9055
4.	<i>Clarification, Additional Information, and Response to December 23, 2009 Engineering Review/Completeness Letter</i> . Prepared by: Altamont Environmental, Inc. Prepared for: International Paper Company. January 12, 2010.	9332

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Haywood County, N.C. Register of Deeds				
Book	Page	Grantor	Grantee	Acres
253	249	Champion International	International Paper	114.7±
315	746	Champion International	International Paper	10.7±
315	742	Champion International	International Paper	3.8±
Total Site Acreage:				129.2±

Notes:

1. Deed book references are from Haywood County Geographic Information Systems website <http://maps.haywoodnc.net/gisweb/default.aspx>, accessed January 2010.

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct must be implemented in accordance with Attachment 2 of this permit. The Permit to Operate must be implemented in accordance with Attachment 3 of this permit.
2. The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.
3. (Intentionally blank)
4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a solid waste management facility and a reference by book and page to the recordation of the permit.
5. (Intentionally blank)
6. Operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.), the conditions contained in this

permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition.

7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, "List of Documents for Approved Plan," and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee must notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit. Issuance of this permit does not remove the permittee's responsibilities for compliance with any other local, state or federal rule, regulation or statute.

- End of Section -

ATTACHMENT 2 CONDITIONS OF PERMIT TO CONSTRUCT

PART I: GENERAL FACILITY CONDITIONS

1. The initial, substantial, construction authorized by this Permit to Construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit to construct shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment on site, and construction activities including installation of sedimentation and erosion control structures. The permittee may reapply for the permit to construct prior to the expiration date. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees.
2. Construction within this facility must be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment I, Part II List of Documents for the Approved Plan.
3. The permittee must conduct a preconstruction meeting at the facility prior to initiating construction and must notify the Section at least 10 days prior to the meeting.
4. Modifications or revisions of the approved documents or changes during construction require approval by the Section, and may constitute a permit modification and be subject to a permitting fee.

Geologic, Ground Water and Monitoring Requirements

5. Samples from new ground water monitoring wells and surface water stations shall be sampled for constituents listed in the approved Monitoring Plan and submitted to the Section prior to receiving the Permit to Operate.
6. Prior to construction, all piezometers, borings, and groundwater monitoring wells within the footprint must be properly abandoned in accordance with 15A NCAC 2C .0113 (d), entitled "Abandonment of Wells."
7. In areas where soil is to be undercut, abandoned piezometers, monitoring wells and borings must not be grouted to pre-grade land surface, but to the proposed base grade surface to prevent having to cut excess grout and possibly damage the wells.

8. A Licensed Geologist must report any pertinent geological feature(s) exposed during excavation.
9. A Licensed Geologist must supervise installation of groundwater monitoring wells and surface water sampling stations.
10. Any modification to the approved water quality monitoring, sampling, and analysis plan must be submitted to the Section Hydrogeologist for review.
11. Within 30 days of completed construction of each new groundwater monitoring well, a well construction record (GW-1 form), typical well schematic, boring log, field log and notes, and description of well development activities must be submitted to the Section.
12. The permittee must provide a plan sheet-sized, scaled topographical map, showing the location and identification of new, existing, and abandoned wells and piezometers after installation of groundwater monitoring wells.
13. Within thirty (30) days of the completed permanent abandonment of a ground-water monitoring well, the well abandonment record (GW-30 form) and any additional information included in the abandonment record) must be submitted to the Section. The well abandonment records must be submitted to the Solid Waste Section in accordance with 15A NCAC 2C .0114(b) and be certified by a Licensed Geologist.

Erosion and Sedimentation Control Requirements

14. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the area of the landfill unit during the service life of the facility.
15. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) and consistent with any other local, state or federal requirements.
16. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.
17. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The Section must be notified of any sedimentation and erosion control plan modifications.

PART II: INDUSTRIAL SOLID WASTE LANDFILL UNIT SPECIFIC CONDITIONS

18. Pursuant to the NC Solid Waste Management Rules (Rule) 15A NCAC 13B .0201(c) and (d)(1), this permit approves construction of a Livestock Market and Events Center at Industrial Landfill No. 5 Area C as described in Attachment I, Part II List of Documents for the Approved Plan.
19. The following conditions must be met prior to operation of the Livestock Market and Events Center:
 - a. The Permittee must obtain and submit to the Section a Certificate of Occupancy from the appropriate local governmental agency.
 - b. Certification by the project engineer that the facility was built in accordance with approved plans and the conditions of the permit must be submitted to the Section.
 - c. The Permittee must contact the appropriate regional environmental specialist and permitting engineer to determine whether the Section chooses to hold a pre-operative meeting with key personnel and representatives of the Section.
 - d. The edge of the waste footprint must be identified with permanent physical markers.

PART III: MISCELLANEOUS SOLID WASTE MANAGEMENT SPECIFIC CONDITIONS

Not Applicable

- End of Section -

ATTACHMENT 3 CONDITIONS OF OPERATING PERMIT

PART I: GENERAL FACILITY CONDITIONS

1. The Permit to Operate shall expire January 26, 2015. Pursuant to 15A NCAC 13B .0201(e), no later than July 26, 2014, the owner or operator must submit a request to the Section for permit review and must update pertinent facility plans.
2. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act N.C.G.S. 113A-50, et seq., and rules promulgated under 15A NCAC 4.
3. The edge of the waste footprint for all disposal units must be identified and maintained with permanent physical markers.

Monitoring and Reporting Requirements

4. Groundwater, surface water, and methane monitoring locations must be established and monitored as identified in the approved plans.
5. A licensed geologist must be present to supervise the installation of groundwater monitoring wells. The exact locations, screened intervals, and nesting of the wells must be established after consultation with the SWS Hydrogeologist at the time of well installation.
6. Ground water monitoring wells and surface water sampling locations must be sampled for Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling.
7. Reports of the analytical data for each monitoring event must be submitted to the Section within 120 days of the respective sampling event. Analytical data must be submitted in a manner prescribed by the Section. Records of all groundwater, surface water, and leachate analytical data must be kept as part of the permanent facility record.
8. (Intentionally blank)
9. A readily accessible unobstructed path must be cleared and maintained so that four-wheel vehicles may access monitoring well locations at all times.

10. A field log book which details all development, sampling, repair, and all other pertinent activities associated with each monitoring well and all sampling activities associated with each surface water and leachate sampling location must be kept as part of the permanent facility record.
11. All well construction records and soil boring logs for new wells must be submitted to the Solid Waste Section Hydrogeologist for review within 30 days of completion.
12. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be retained and made available to the Section upon request during normal business hours.

PART II: INDUSTRIAL SOLID WASTE LANDFILL UNIT SPECIFIC CONDITIONS

13. This permit approves the following post-closure uses for Landfill No. 5, Area B as well as the continued operation of onsite environmental management and protection facilities as described in the approved plans:
 - a. International Paper Sports Complex;
 - b. Hay Production.

Post-closure Requirements

14. Landfill No. 5, Areas B and C have been constructed and closed according the approved plan. Post-closure maintenance and monitoring of the landfill unit must be conducted in accordance with the approved plans and the N.C. Solid Waste Management Rules.
15. The permittee must maintain the integrity and effectiveness of the cap system, including making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and prevent surface water from impounding over waste and run-on and run-off from eroding or otherwise damaging the cap system. In addition, a vegetative cover of native grasses must be maintained and mowed regularly.
16. Post-closure use of the property is subject to review and approval by the Division and must not disturb the integrity of the cap system, or the function of the monitoring systems. The Division may approve any other disturbance if the owner or operator demonstrates that disturbance of the cap system, including any removal of waste, will not increase the potential threat to human health or the environment.
17. The permittee must maintain a record of all monitoring events and analytical data. Reports of the sampling events and analytical data must be submitted to the Section in a timely manner.

18. Any proposed expansion to the closed landfill units will be considered a new landfill for purposes of Solid Waste Management permitting.

PART III: MISCELLANEOUS SOLID WASTE MANAGEMENT SPECIFIC CONDITIONS
Not Applicable

-End of Conditions-