

Fac/Perm/Co ID # 26-09T	Initials Trail GL	Date 11/19/2010	Doc ID # 12267
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Little, Geof

From: Hammonds, Andrew
Sent: Friday, November 19, 2010 10:06 AM
To: Mussler, Ed
Cc: 'Jerry Johnson'; tom@rsgengineers.com; 'Travis Hitchcock'; 'Jeremy Freeman'; 'Ted Habets'; Shackelford, Dennis; 'John Leak'; 'John Barnard '; 'Dean Arp'; GDietzen@ci.fay.nc.us; John Gardner; Little, Geof
Subject: Notification of Permission to Operate : City of Fayetteville Transfer Station Permit 26-09T

Ed,

The pre-op site inspection was conducted for the City of Fayetteville WTS permit 26-09T. There was some documentation that was missing at the time of the inspection. Geof has confirmed receipt of those documents in the attached emails.

Based on the site inspection and the fact that the essential documentation has been submitted to the permitting branch, the necessary pre-operation conditions have been met to now begin operation of this facility.

Please advise should you have questions.

Respectfully,

*Drew Hammonds
Environmental Senior Specialist
NCDENR, DWM
Solid Waste Section
225 Green Street, Suite 714
Fayetteville, NC 28301*

*Office: 910-433-3351
Fax: 910-486-1791*

*andrew.hammonds@ncdenr.gov
http://portal.ncdenr.org/web/wm/sw_/*

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Little, Geof
Sent: Friday, November 19, 2010 9:29 AM
To: John Gardner; Hammonds, Andrew
Cc: 'Jerry Johnson'; tom@rsgengineers.com; 'Travis Hitchcock'; 'Jeremy Freeman'; 'Ted Habets'; Shackelford, Dennis; Mussler, Ed; 'John Leak'; 'John Barnard '; 'Dean Arp'
Subject: RE: Permit Conditions - Fayetteville Transfer Station 26-09T

Thank you for your response in the email referenced below.

The October 25 and October 28, 2010, correspondence document that the essential functions of the transfer station are complete and that the transfer station can be operated as approved. The correspondence also documents the disposition of the previous transfer station at the facility, which completes the requirements of Condition 2 Attachment 3 of the Permit to Operate.

The last step is Permit Condition No. 5 of Attachment 2 [Permit to Construct] that calls for Drew Hammonds, Senior Environmental Specialist for the facility, to notify the Permitting Branch Supervisor that the pre-operation conditions are met.

Thank you for your cooperation in this matter. Please contact me with any further questions or comments.

Sincerely,

Geof

Geoffrey H. Little
Solid Waste Section
NC-DENR DWM
919.508.8498

Email correspondence to and from this sender may be subject to the N.C. Public Records Law and may be disclosed to third parties.

From: John Gardner [mailto:john@rsgengineers.com]
Sent: Friday, November 19, 2010 8:30 AM
To: Little, Geof; Hammonds, Andrew
Cc: 'Jerry Johnson'; tom@rsgengineers.com; 'Travis Hitchcock'; 'Jeremy Freeman'; 'Ted Habets'; Shackelford, Dennis; Mussler, Ed; 'John Leak'; 'John Barnard'; 'Dean Arp'
Subject: RE: Permit Conditions - Fayetteville Transfer Station

Geof:

As we just spoke, the permit application package, **approved by NCDENR in 2009 did include a "Existing Conditions/Demolition Plan on Sheet 2** of the drawing set (**copy attached**).

The long-term (final) disposition of the materials was then reiterated in the **Attached Oct 25, 2010** letter addressing Condition 2 of Attachment 3 including:

1. The demo permit from the City;
2. the Pre-demo asbestos report; and,
3. the final disposition of metals and equipment in a letter from Leak & Associates (letter dated 10/22/10).

We trust that this responds to your concerns.

Please contact us as soon as possible so that we may begin operations at the new transfer station.

Thanks.

John M. Gardner, P.E.
VP, Sr. Project Engineer
Richardson Smith Gardner & Associates, Inc.
14 N. Boylan Avenue
Raleigh, North Carolina 27603

(P) (919) 828-0577
(F) (919) 828-3899
(C) (919) 801-5932

From: Little, Geof [mailto:geof.little@ncdenr.gov]
Sent: Thursday, November 18, 2010 4:53 PM
To: Hammonds, Andrew
Cc: Jerry Johnson; John Leak; tom@rsgengineers.com; Travis Hitchcock; John Gardner; Jeremy Freeman; Ted Habets;

Shackelford, Dennis; Mussler, Ed

Subject: RE: Permit Conditions - Fayetteville Transfer Station

Hi Drew,

I received the engineer certification that the facility was constructed in general accordance with the approved plans, approved revisions and the solid waste permit [DIN12265 will be on-line tomorrow], which satisfies Permit Condition 4.b. of Attachment 2 [Permit to Construct].

Condition 2 of Attachment 3 [Permit to Operate] needs to be addressed.

Let me know of any questions or comments.

Thanks,

Geof

Geoffrey H. Little
Solid Waste Section
NC-DENR DWM
919.508.8498

Email correspondence to and from this sender may be subject to the N.C. Public Records Law and may be disclosed to third parties.

From: Ted Habets [mailto:Ted.Habets@wasteindustries.com]

Sent: Thursday, November 18, 2010 4:19 PM

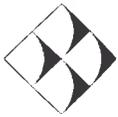
To: Little, Geof

Cc: Jerry Johnson; John Leak; tom@rsgengineers.com; Travis Hitchcock; John Gardner; Jeremy Freeman

Subject: Permit Conditions - Fayetteville Transfer Station

I have attached the requested certification for the building and utility infrastructure at Fayetteville Transfer Station.

Ted Habets
Division Manager
Waste Industries
Office: (910) 423-4122
Mobile: (843) 241-0162



October 25, 2010

Mr. Geoffrey H. Little
Environmental Engineer
North Carolina Department of Environment and Natural Resources
Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

RE: **Fayetteville Transfer Station – Permit No. 26-09T**
Response to Permit Conditions

Dear Mr. Little:

On behalf of Waste Industries USA, Inc., Richardson Smith Gardner & Associates, Inc. (RSG) is submitting the following information in fulfillment of the cited permit conditions contained within the permit issued for the subject site on August 17, 2009.

Attachment 2 (Conditions of Permit To Construct); Part 1; subpart 4

- b. *A certification that the facility and infrastructure was constructed in accordance with the approved plans.*

Refer to the **attached correspondence** from:

- ❖ Leak & Associates, the General Contractor for the new Fayetteville Transfer Station under a Design/Build contract with Waste Industries, dated September 15, 2010, and,
- ❖ Arp Engineering, who served as the structural engineer for the building and related facilities, dated October 25, 2010.

Per the attached correspondence, the Fayetteville Transfer Station received a Certificate of Completion and Occupancy on September 14, 2010 from the City of Fayetteville. However, also as noted, there are a number of work items remaining which are scheduled to be completed within the next 45 to 60 days (existing transfer station demolition, completion of grading and paving, and new out-bound scale/scalehouse). Upon completion of these work items, as-built record documents will be forwarded to the Department.

- c. *Three (3) paper and one (1) electronic copy of the construction record drawings.*

The as-built record drawings will be submitted to the Department during the week of October 25, 2010.

- d. *A copy of the erosion control/grading permit.*

A copy of the erosion control plan approval letter is **attached**.

Attachment 3 (Conditions of Permit To Operate); Part 1; subpart 2

The short-term disposition of the existing Fayetteville Transfer Station is that its major components will be demolished and removed from the property by D.H. Griffen Wrecking Company, as subcontracted to Leak & Associates. The details of this plan are included in

the **attached correspondence** from Leak & Associates, dated October 22, 2010 including:

- ❖ a copy of the Permit For Demolition, issued by the City of Fayetteville, dated October 20, 2010, and,
- ❖ a pre-demolition asbestos inspection report.

Should you have any questions or require clarification, please contact me at my office at (919) 828-0577.

Sincerely,
Richardson Smith Gardner and Associates, Inc.



John M. Gardner, P.E.
Senior Project Manager x126

Attachments

Copy to: Jerry Johnson, Waste Industries
John Leak, Leak & Associates
Dean Arp, P.E.

LEAK & ASSOCIATES
INCORPORATED

September 15, 2010

Waste Industries
3301 Benson Drive, Suite 601
Raleigh, NC 27609

RE: City of Fayetteville Transfer Station

Dear Mr. Johnson:

Leak and Associates has achieved substantial completion of phase I of the project. The City of Fayetteville has issued a Certificate of Completion and Occupancy effective September 14, 2010.

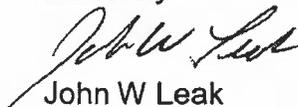
Leak and Associates will begin scheduling Phase II of the project. The work will consist of:

1. Demo and removal of the older existing Transfer Station.
2. Complete the grading, storm drainage, asphalt paving and landscaping.
3. Install new out bound truck scales and a new modular scale house.

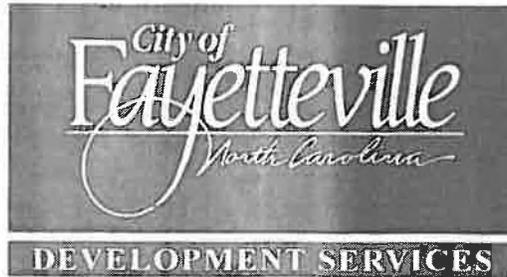
Leak and Associates expects the work to be completed in 45 days from the time the building demolition can begin.

At the completion of Phase II, an as built survey will occur and record drawings completed for submittal to Waste Industries and the State.

Sincerely



John W Leak
President



CERTIFICATE OF COMPLETION AND OCCUPANCY

Reference:

Building Permit #: 201016845

Building Permit Issue Date: 2010-04-09

CO Issue Date: 09/14/2010

This is to certify that inspections have been made of the:

- Zoning Building Mechanical
- Electrical Landscaping Plumbing

of the structure at:

Number and Street: 583 Winslow St Fayetteville, NC (0437-31-2400)

Subdivision:

Lot/Block/Zone: 00

and the work authorized under the above numbered building permit has been completed in compliance with the North Carolina State Building Code.

Permission is hereby granted to City Of Fayetteville to occupy and use the structure, land, and floor area of building. at the above location for the following purposes:

Type of Improvement: Storage

Occupancy Type: Storage

Type of Construction: 2B

Occupancy Capacity:

Remarks:

Date Finaled: 09/14/2010

Signature: Randy N. Ray
Building Inspector: Randy Ray

If this Certificate of Completion and Occupancy is issued by the direction of the City/County's Board of Adjustment, it shall be subject to any and all conditions specified by the Board. If any of the conditions so specified or any part thereof shall be held void or invalid, or if any such conditions are not complied with, this Certificate shall be void and of no effect. This Certificate of Completion and Occupancy shall remain in force until such time that there is an alteration, addition, or change in use of this structure, or land, when it shall become void and a new Certificate must be issued.

ARP ENGINEERING
CONSULTING ENGINEERS

October 25, 2010

Leak & Associates
PO Box 3039
Monroe, NC 28111

Attention: Mr. John W. Leak
Reference: **Certificate of Completion Letter**
Fayetteville Transfer Station
583 Winslow St.
Fayetteville, NC
City of Fayetteville Building Permit # 201016845

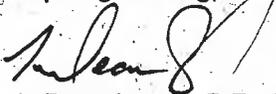
Gentlemen:

Arp Engineering, Inc. was the structural engineer of record for the above referenced Project.

1. To the best of my information, knowledge and belief, and in my professional opinion as an engineer, the construction of the building as indicated in the plans and specifications dated 4/30/10 prepared by Arp Engineering, Inc. has been completed and the contractor Leak and Associates has fulfilled the obligations of such building plans, specifications, and any change orders.
2. To the best of my information, knowledge and belief, and in my professional opinion as an engineer, the City of Fayetteville has issued a Certificate of Completion and Occupancy for the City of Fayetteville Building Permit # 201016845.
3. The forgoing is an expression of the Engineer's professional opinion and belief, and does not constitute warranty or guarantee by the Engineer.

Please do not hesitate to call if you have any questions.

Sincerely,
Arp Engineering, Inc.


L. Dean Arp, Jr., P.E., S.E.
President

LDA/tpp





REC'D JUN 05 2009

North Carolina Department of Environment and Natural Resources
Division of Land Resources

James D. Simons, PG, PE
Director and State Geologist

Land Quality Section

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

June 4, 2009

LETTER OF APPROVAL

Waste Industries, LLC
Attn: D. Stephen Grissom, CFO
3301 Benson Drive, Suite 601
Raleigh, NC 27609-

RE: Project Name: City of Fayetteville-Transfer Station Acres Approved: 4.7
Project ID: CUMBE-2009-101
County: Cumberland Fayetteville Winslow Street
River Basin: Cape Fear Stream Classification: Other
Submitted By: Richardson Smith Gardner & Associates, Inc.
Date Received by LQS: 5/22/2009
Plan Type: Revised

Dear Mr. Grissom:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

Title 15A NCAC 4B .0118(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

The developer is responsible for obtaining any and all permits and approvals necessary for the development of this project prior to the commencement of this land disturbing activity. This could include agencies such as the Division of Water Quality's stormwater regulations, their enforcement requirements within Section 401 of the Clean Water Act, the Environmental Protection Agency and/or the U.S. Army Corps of Engineers' jurisdiction of Section 404 of the Clean Water Act, the Division of Solid Waste Management's landfill

Letter of Approval
Waste Industries, LLC
June 4, 2009
Page 2 of 2

regulations, local County or Municipalities' ordinances, or others that may be required. This approval cannot supersede any other permit or approval; however, in the case of a Cease and Desist Order from the Corps of Engineers, that Order would only apply to wetland areas. All upland areas would still have to be in compliance with the N.C. Sedimentation Pollution Control Act.

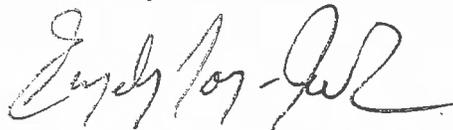
If any area on site falls within the jurisdiction of Section 401 or 404 of the Clean Water Act, the developer is responsible for compliance with the requirements of the Division of Water Quality, the Corps of Engineers and the Environmental Protection Agency (EPA) respectively. Any erosion control measures that fall within jurisdictional wetland areas must be approved by the aforementioned agencies prior to installation. The Land Quality Section must be notified of a relocation of the measures in question to the transition point between the wetlands and the uplands to assure that the migration of sediment will not occur. If that relocation presents a problem or contradicts any requirements of either DWQ, the Corps, or the EPA, it is the responsibility of the developer to inform the Land Quality Section regional office so that an adequate contingency plan can be made to assure sufficient erosion control remains on site. Failure to do so will be considered a violation of this approval.

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCGO1000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed general permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. In addition, it would be helpful if you notify this office of the proposed starting date for this project. Please notify us if you plan to have a preconstruction conference.

Your cooperation is appreciated.

Sincerely,



Evangelyn Lowery-Jacobs
Land Quality Section

Enclosures: Certificate of Approval
NPDES Permit

cc: Richardson Smith Gardner & Associates, Inc.
Ken Sykes, Building Inspector
Belinda Henson, Division of Water Quality
Land Quality Section - Fayetteville Regional Office File

LEAK & ASSOCIATES
INCORPORATED

October 22, 2010

RSG & Associates, Inc.
14 N Boylan Ave.
Raleigh, NC 27603

RE: City of Fayetteville Transfer Station

Gentlemen:

Leak and Associates will begin the demolition and disposal of the existing building on Monday, October 25th per the drawings issued for construction of the Fayetteville Transfer Station.

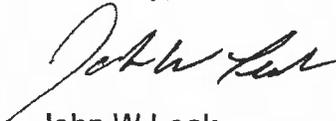
DH Griffin Wrecking Co., Inc. will perform the work as listed below.

1. Notify NESHAP 10 days prior to commencing the work.
2. Salvage miscellaneous metals and haul to DH Griffin's Greensboro, NC scrap yard, other materials will be hauled to WCA Recycling Facility, Raleigh, NC.

The work consist of removing the existing metal building and compactor equipment. The floor slab, retaining walls, apron, and driveways will be left in place.

If we can be of any assistance, please call.

Sincerely,



John W Leak
President



Permit for Demolition

Permit No.: D. 201027375

Date of Issue: 10/20/10

Location: 583 Winslow St.

The person/corporation accepting this permit shall in every respect conform to the terms of the application on file in the Building Plan Review & Inspection Division and to the provisions of the Statutes and Ordinances regulating the construction of buildings in the City of Fayetteville and the State of North Carolina.

Any **VIOLATION** of the terms stated above immediately **REVOKES** this permit.

NOTICE: This structure is not to be occupied until the Building Official issues a Certificate of Completion & Occupancy.

**CARD MUST BE DISPLAYED ON THE PREMISES
UNTIL WORK IS COMPLETED**

~ Permit expires six (6) months from date of issue ~



ALEXANDER ENGINEERING SERVICES, P.A.
Civil Engineering and Asbestos Services

Post Office Box 98567
Raleigh, NC 27624
Phone (919) 954-7614
Fax (919) 321-1572

October 12, 2010

Mr. John Leak
Leak and Associates, Inc.
P.O. Box 3039
Monroe, North Carolina 28111

Subject: Report of Pre-Demolition Asbestos Inspection Services
Waste Industries Transfer Station
583 Winslow Street, Fayetteville, North Carolina
Alexander Engineering Services Job No. AES10-337

Dear Mr. Whitehurst:

Enclosed you will find a report of the limited asbestos survey at the Waste Industries Transfer Station, at 583 Winslow Street, in Fayetteville, North Carolina. This work was done based on your verbal authorization and our agreement for asbestos consulting services. Included in this report is a description of known project information and recommendations.

PROJECT INFORMATION - Under North Carolina regulations, the proposed demolition requires the inspection of the building. During the site visit, I observed the following site conditions:

- The building appears to have been constructed in the 1960's. The building has a steel frame, metal exterior walls, concrete floor slabs, etc.
- Waste collection trucks back into the facility, dump the waste into a metal collection pit and transferred to larger trucks prior to being taken to a dump. The metal pit and metal collection unit is uninsulated.
- There are three small masonry block buildings on the upper level inside the main building. The buildings (chemical storage, an office and a restroom) have a bare concrete floors and ceiling. The building has an asphaltic felt roof.

State of North Carolina and federal regulations require that all building be inspected for the presence of asbestos prior to a major Demolition or building demolition.

SURVEY PROCEDURES AND RESULTS - On October 8, 2010, representatives of Alexander Engineering Services (AES) were on a site to collect bulk samples of suspect materials in the buildings. The samples were analyzed using Polarized Light Microscopy (PLM), coupled with Dispersion Staining as outlined in the Environmental Protection Agency's (EPA) "Interim Method for the Determination of Asbestos in Material Insulation Samples" (EPA-600/M4-82-020, December 1982) at EMSL Analytical's Morrisville, North Carolina laboratory. EMSL's laboratory is accredited by the AIHA EMLAP program.

Asbestos was not detected in two samples of roofing felts from the site.

Qualifications - This report summarizes my evaluation of the conditions observed at the subject facility during the course of the facility survey. My findings are based upon my observations at the facility and analyses of the samples obtained at the time of this survey. Additional asbestos-containing materials may exist (undetected) in other portions of the facility due to inaccessibility or due to an undetectable change in materials. My recommendations are based on the guidelines presented in the 1985 edition of EPA's "Guidance for Controlling Asbestos-Containing Materials in Buildings" (EPA 560/5-85-024). Any conditions discovered which deviate from the data contained in this report should be presented to me for our evaluation.

I appreciate the opportunity to be of service to you during this project and I look forward to working with you on future projects. If you have any questions regarding the report, please contact me at (919) 954-7614.

Sincerely,

ALEXANDER ENGINEERING SERVICES, P.A.



Gary P. Alexander, P.E.
NC Asbestos Inspector Accreditation Number 41061